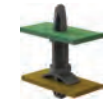




PCB & ELECTRONICS HARDWARE

www.essentracomponents.com

800 847 0486



PCB SUPPORTS3 - 33



PUSH SPACERS26 - 34



STANDOFFS35 - 42



THROUGH SPACERS.....42 - 55



SPACERS56 - 60



CARD GUIDES, PULLERS & EJECTORS61 - 71



ELECTRONIC FAN ACCESSORIES72 - 76



TRANSISTOR INSULATORS76 - 79



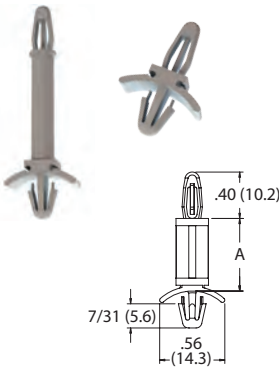
LED HARDWARE79 - 87



FUSE COVERS87 - 88

LOCKING CIRCUIT BOARD SUPPORTS

LCBS/27LLP/CBLS Series
Locking PCB Support

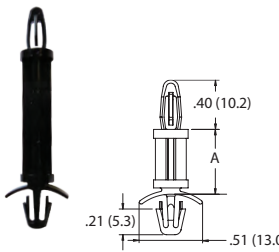


- Specifications:
- Material: Nylon 6/6
 - Color: Natural
 - Flame Class: See Table

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2	UL94 V-0		
27LLP0125	—	0.125 3.2	1000
CBLS005A	—	0.138 3.5	1000
LCBS-3-01	LCBS-3-19	0.188 4.8	1000
LCBS-6M-01	—	0.236 6.0	1000
LCBS-4-01	LCBS-4-19	0.250 6.4	1000
LCBS-5-01	LCBS-5-19	0.312 7.9	1000
LCBS-6-01	LCBS-6-19	0.375 9.5	1000
LCBS-10M-01	—	0.394 10.0	1000
LCBS-7-01	LCBS-7-19	0.437 11.1	1000
LCBS-8-01	LCBS-8-19	0.500 12.7	1000

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2	UL94 V-0		
LCBS-10-01	LCBS-10-19	0.625 15.9	1000
LCBS-12-01	LCBS-12-19	0.750 19.1	1000
LCBS-14-01	LCBS-14-19	0.875 22.2	1000
CBLS060A	—	0.945 24.0	1000
LCBS-16-01	LCBS-16-19	1.000 25.4	1000
LCBS-18-01	LCBS-18-19	1.125 28.6	1000
CBLS075A	—	1.224 31.1	1000
LCBS-20-01	LCBS-20-19	1.250 31.8	1000
LCBS-22-01	LCBS-22-19	1.375 34.9	1000
27LLP1750	—	1.750 44.5	1000

LCBS-HT Series
Locking PCB Support
High Temperature

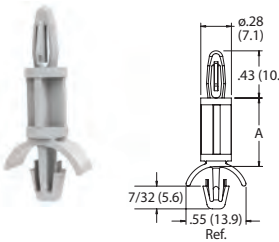


- Specifications:
- Material: UL94 V-0 PEI
 - Color: Black
- Features:
- Temperature rating up to 392°F (200°C)

Item No.	A		Bulk Pack Qty
	in	mm	
LCBS-3-HT	0.188	4.8	1000
LCBS-4-HT	0.250	6.4	1000
LCBS-5-HT	0.313	7.9	1000
LCBS-6-HT	0.375	9.5	1000
LCBS-7-HT	0.438	11.1	1000
LCBS-8-HT	0.500	12.7	1000
LCBS-10-HT	0.625	15.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
LCBS-12-HT	0.750	19.1	1000
LCBS-14-HT	0.875	22.2	1000
LCBS-16-HT	1.000	25.4	1000
LCBS-18-HT	1.125	28.6	1000
LCBS-20-HT	1.250	31.8	1000
LCBS-22-HT	1.375	34.9	1000

LCBS-2 Series
Locking PCB Support

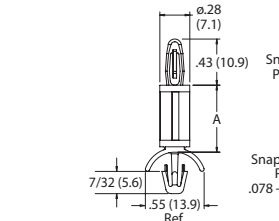


- Specifications:
- Material: Nylon 6/6
 - Color: Natural
 - Flame Class: See Table

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2	UL94 V-0		
LCBS-2-3-01	LCBS-2-3-19	0.188 4.8	1000
LCBS-2-4-01	LCBS-2-4-19	0.250 6.4	1000
LCBS-2-5-01	LCBS-2-5-19	0.313 7.9	1000
LCBS-2-6-01	LCBS-2-6-19	0.375 9.5	1000
LCBS-2-7-01	LCBS-2-7-19	0.438 11.1	1000
LCBS-2-8-01	LCBS-2-8-19	0.500 12.7	1000
LCBS-2-10-01	LCBS-2-10-19	0.625 15.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2	UL94 V-0		
LCBS-2-12-01	LCBS-2-12-19	0.750 19.1	1000
LCBS-2-14-01	LCBS-2-14-19	0.875 22.2	1000
LCBS-2-16-01	LCBS-2-16-19	1.000 25.4	1000
LCBS-2-18-01	LCBS-2-18-19	1.125 28.6	1000
LCBS-2-20-01	LCBS-2-20-19	1.250 31.8	1000
LCBS-2-22-01	LCBS-2-22-19	1.375 34.9	1000

LCBSA-6 Series
Locking PCB Support

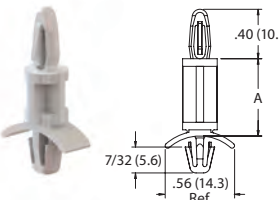


- Specifications:
- Material: Nylon 6/6
 - Flame Class: See Table
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2	UL94 V-0		
LCBSA-6-3-01	LCBSA-6-3-19	0.188 4.8	1000
LCBSA-6-4-01	LCBSA-6-4-19	0.250 6.4	1000
LCBSA-6-5-01	LCBSA-6-5-19	0.313 7.9	1000
LCBSA-6-6-01	LCBSA-6-6-19	0.375 9.5	1000
LCBSA-6-7-01	LCBSA-6-7-19	0.438 11.1	1000
LCBSA-6-8-01	LCBSA-6-8-19	0.500 12.7	1000
LCBSA-6-10-01	LCBSA-6-10-19	0.625 15.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2	UL94 V-0		
LCBSA-6-12-01	LCBSA-6-12-19	0.750 19.1	1000
LCBSA-6-14-01	LCBSA-6-14-19	0.875 22.2	1000
LCBSA-6-16-01	LCBSA-6-16-19	1.000 25.4	1000
LCBSA-6-18-01	LCBSA-6-18-19	1.125 28.6	1000
LCBSA-6-20-01	LCBSA-6-20-19	1.250 31.8	1000
LCBSA-6-22-01	LCBSA-6-22-19	1.375 34.9	1000

LCBS-8 Series
Locking PCB Support

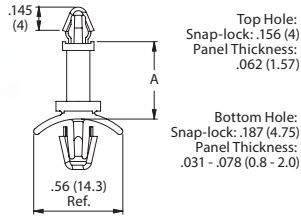


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
LCBS-8-3-01	0.188	4.8	1000
LCBS-8-4-01	0.250	6.4	1000
LCBS-8-5-01	0.313	7.9	1000
LCBS-8-6-01	0.375	9.5	1000
LCBS-8-7-01	0.438	11.1	1000
LCBS-8-8-01	0.500	12.7	1000
LCBS-8-10-01	0.625	15.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
LCBS-8-12-01	0.750	19.1	1000
LCBS-8-14-01	0.875	22.2	1000
LCBS-8-16-01	1.000	25.4	1000
LCBS-8-18-01	1.125	28.6	1000
LCBS-8-20-01	1.250	31.8	1000
LCBS-8-22-01	1.375	34.9	1000

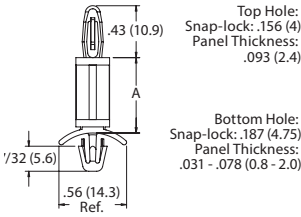
CIRCUIT BOARD SUPPORTS

LCBS-7 Series
Locking PCB Support

Specifications:

- Material: Nylon 6/6
- Color: Natural
- Flame Class: See Table

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
LCBS-7-3-01	LCBS-7-3-19	0.188	4.8	1000
LCBS-7-4-01	LCBS-7-4-19	0.250	6.4	1000
LCBS-7-5-01	LCBS-7-5-19	0.312	7.9	1000
LCBS-7-6-01	—	0.375	9.5	1000
LCBS-7-7-01	LCBS-7-7-19	0.438	11.1	1000
LCBS-7-8-01	LCBS-7-8-19	0.500	12.7	1000
LCBS-7-10-01	LCBS-7-10-19	0.625	15.9	1000
LCBS-7-12-01	LCBS-7-12-19	0.750	19.1	1000
LCBS-7-14-01	—	0.875	22.2	1000
LCBS-7-16-01	LCBS-7-16-19	1.000	25.4	1000
LCBS-7-18-01	LCBS-7-18-19	1.125	28.6	1000
LCBS-7-20-01	LCBS-7-20-19	1.250	31.8	1000
LCBS-7-22-01	LCBS-7-22-19	1.375	34.9	1000

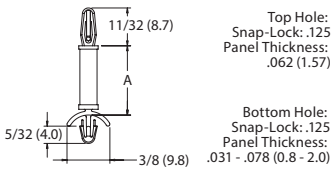
LCBSA-3 Series
Locking PCB Support

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
LCBSA-3-3-01	0.188	4.8	1000
LCBSA-3-4-01	0.250	6.4	1000
LCBSA-3-5-01	0.313	7.9	1000
LCBSA-3-6-01	0.375	9.5	1000
LCBSA-3-7-01	0.438	11.1	1000
LCBSA-3-8-01	0.500	12.7	1000
LCBSA-3-10-01	0.625	15.9	1000

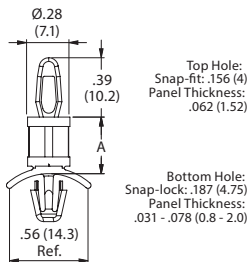
Item No.	A		Bulk Pack Qty
	in	mm	
LCBSA-3-12-01	0.750	19.1	1000
LCBSA-3-14-01	0.875	22.2	1000
LCBSA-3-16-01	1.000	25.4	1000
LCBSA-3-18-01	1.125	28.6	1000
LCBSA-3-20-01	1.250	31.8	1000
LCBSA-3-22-01	1.375	34.9	1000

LCBSM Series
Locking PCB Support - Mini

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty	Item No.	A		Bulk Pack Qty
	in	mm			in	mm	
LCBSM-2-01	0.125	3.2	1000	LCBSM-7-01	0.438	11.1	1000
LCBSM-3-01	0.188	4.8	1000	LCBSM-8-01	0.500	12.7	1000
LCBSM-4-01	0.250	6.4	1000	LCBSM-9-01	0.563	14.3	1000
LCBSM-5-01	0.313	7.9	1000	LCBSM-10-01	0.625	15.9	1000
LCBSM-6-01	0.375	9.5	1000				

LCBS-4/27LTP Series
Non-Locking PCB Support

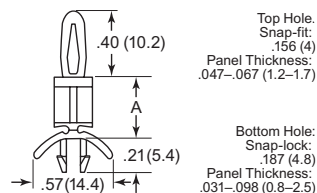
Specifications:

- Material: Nylon 6/6
- Flame Class: See Table
- Color: Natural

Features:

- PC board is removable

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
LCBS-4-3-01	LCBS-4-3-19	0.188	4.8	1000
LCBS-4-4-01	LCBS-4-4-19	0.250	6.4	1000
LCBS-4-5-01	LCBS-4-5-19	0.313	7.9	1000
LCBS-4-6-01	LCBS-4-6-19	0.375	9.5	1000
LCBS-4-7-01	LCBS-4-7-19	0.438	11.1	1000
LCBS-4-8-01	LCBS-4-8-19	0.500	12.7	1000
LCBS-4-10-01	LCBS-4-10-19	0.625	15.9	1000
LCBS-4-12-01	LCBS-4-12-19	0.750	19.1	1000
LCBS-4-14-01	LCBS-4-14-19	0.875	22.2	1000
LCBS-4-16-01	LCBS-4-16-19	1.000	25.4	1000
LCBS-4-18-01	LCBS-4-18-19	1.125	28.6	1000
LCBS-4-20-01	LCBS-4-20-19	1.250	31.8	1000
LCBS-4-22-01	LCBS-4-22-19	1.375	34.9	1000
LCBS-4-24-01	LCBS-4-24-19	1.500	38.1	1000
LCBS-4-26-01	LCBS-4-26-19	1.625	41.3	1000
LCBS-4-28-01	LCBS-4-28-19	1.750	44.5	1000

CBS Series
Non-Locking PCB Support

Specifications:

- Material: Nylon 6/6
- Flame Class: See Table
- Color: Natural

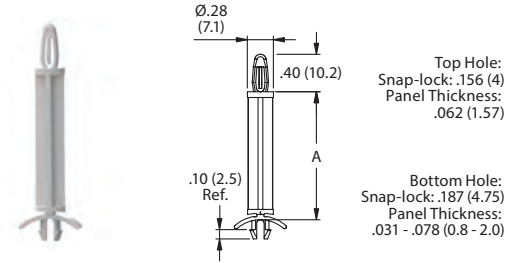
Features:

- PC board is removable

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
CBS-3-01	CBS-3-19	0.188	4.8	1000
CBS-4-01	CBS-4-19	0.250	6.4	1000
CBS-6-01	CBS-6-19	0.375	9.5	1000
CBS-8-01	CBS-8-19	0.500	12.7	1000
CBS-10-01	CBS-10-19	0.625	15.9	1000
CBS-12-01	CBS-12-19	0.750	19.1	1000
CBS-14-01	CBS-14-19	0.875	22.2	1000

LOCKING CIRCUIT BOARD SUPPORTS

LCBS-5 Series
Locking PCB Support

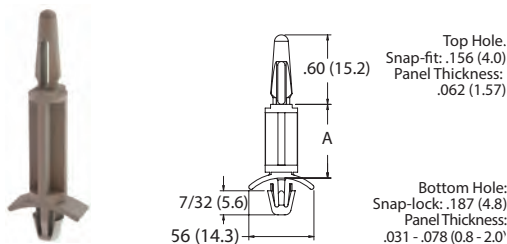


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
LCBS-5-3-01	0.188	4.8	1000
LCBS-5-4-01	0.250	6.4	1000
LCBS-5-5-01	0.313	7.9	1000
LCBS-5-6-01	0.375	9.5	1000
LCBS-5-7-01	0.438	11.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
LCBS-5-8-01	0.500	12.7	1000
LCBS-5-10-01	0.625	15.9	1000
LCBS-5-12-01	0.750	19.1	1000
LCBS-5-18-01	1.125	28.6	1000
LCBS-5-20-01	1.250	31.8	1000
LCBS-5-22-01	1.375	34.9	1000

LNCBS Series
Long Nose PCB Support

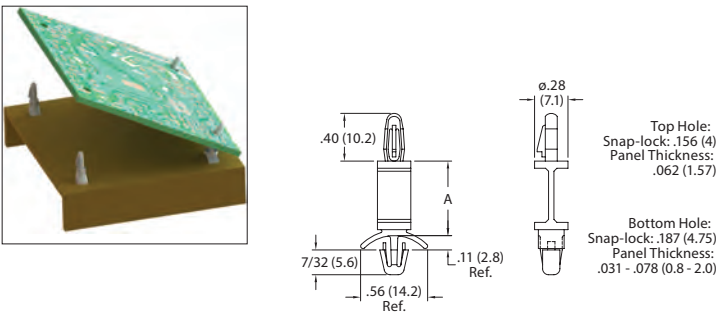


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural
- Features:
- Long "nose" automatically locates and aligns connector pins with socket

Item No.	A		Bulk Pack Qty
	in	mm	
LNCBS-3-01	0.187	4.8	1000
LNCBS-4-01	0.250	6.4	1000
LNCBS-6-01	0.375	9.5	1000
LNCBS-8-01	0.500	12.7	1000

Item No.	A		Bulk Pack Qty
	in	mm	
LNCBS-10-01	0.625	15.9	1000
LNCBS-12-01	0.750	19.1	1000
LNCBS-14-01	0.875	22.2	1000

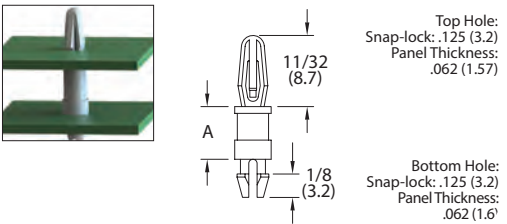
FLCBS Series
Flexible PCB Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural
- Features:
- Flexible spacer allows access to underside of board for maintenance and repair

Item No.	A		Bulk Pack Qty
	in	mm	
FLCBS-6-01	0.375	9.5	1000
FLCBS-7-01	0.438	11.1	1000
FLCBS-8-01	0.500	12.7	1000
FLCBS-10-01	0.625	15.9	1000
FLCBS-12-01	0.750	19.1	1000
FLCBS-14-01	0.875	22.2	1000
FLCBS-16-01	1.000	25.4	1000
FLCBS-18-01	1.125	28.6	1000
FLCBS-20-01	1.250	31.8	1000
FLCBS-22-01	1.375	34.9	1000

LMSP Series
Locking PCB Support - Mini

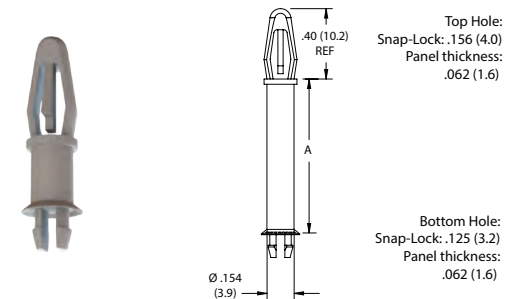


- Specifications:
- Material: Nylon 6/6
 - Color: Natural
 - Flame Class: See Table

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2 LMSP-2-19	0.125	3.2	1000
LMSP-3-01 LMSP-3-19	0.188	4.8	1000
LMSP-4-01 LMSP-4-19	0.250	6.4	1000
LMSP-5-01 LMSP-5-19	0.313	7.9	1000
LMSP-6-01 LMSP-6-19	0.375	9.5	1000
LMSP-7-01 LMSP-7-19	0.438	11.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2 LMSP-8-19	0.500	12.7	1000
LMSP-9-01 LMSP-9-19	0.563	14.3	1000
LMSP-10-01 LMSP-10-19	0.625	15.9	1000
LMSP-12-01 LMSP-12-19	0.750	19.1	1000
LMSP-14-01 LMSP-14-19	0.875	22.2	1000

27LMSP Series
PCB Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

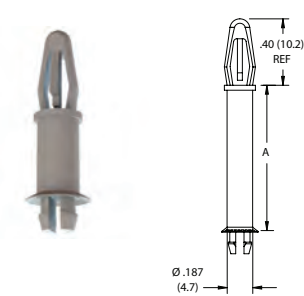
- Features:
- Cupped base adds stability to mounting

Item No.	A		Bulk Pack Qty
	in	mm	
27LMSP00125	0.125	3.2	1000
27LMSP00250	0.250	6.4	1000
27LMSP00312	0.312	7.9	1000
27LMSP00375	0.375	9.5	1000
27LMSP00437	0.438	11.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
27LMSP00500	0.500	12.7	1000
27LMSP00625	0.625	15.9	1000
27LMSP00750	0.750	19.1	1000
27LMSP00875	0.875	22.2	1000
27LMSP01000	1.000	25.4	1000

27LCSP Series

Locking PCB Support



Top Hole:
Snap-Lock: .156 (4.0)
Panel thickness:
.062 (1.6)

Bottom Hole:
Snap-Lock: .156 (3.2)
Panel thickness:
.062 (1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

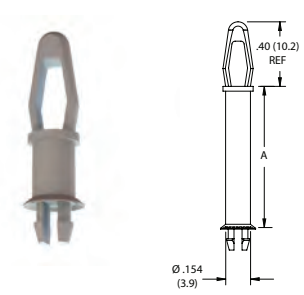
- Cupped base adds stability to mounting

Item No.	A		Bulk Pack Qty
	in	mm	
27LCSP00125	0.125	3.2	1000
27LCSP00250	0.250	6.4	1000
27LCSP00312	0.312	7.9	1000
27LCSP00375	0.375	9.5	1000
27LCSP00437	0.438	11.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
27LCSP00500	0.500	12.7	1000
27LCSP00625	0.625	15.9	1000
27LCSP00750	0.750	19.1	1000
27LCSP00875	0.875	22.2	1000
27LCSP01000	1.000	25.4	1000

27TMSP Series

Non-Locking PCB Support



Top Hole:
Snap-Fit: .156 (4.0)
Panel thickness:
.062 (1.6)

Bottom Hole:
Snap-Lock: .125 (3.2)
Panel thickness:
.062 (1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

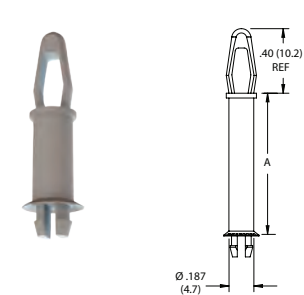
- PC board is removable
- Cupped base adds stability to mounting

Item No.	A		Bulk Pack Qty
	in	mm	
27TMSP00125	0.125	3.2	1000
27TMSP00250	0.250	6.4	1000
27TMSP00312	0.312	7.9	1000
27TMSP00375	0.375	9.5	1000
27TMSP00437	0.438	11.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
27TMSP00500	0.500	12.7	1000
27TMSP00625	0.625	15.9	1000
27TMSP00750	0.750	19.1	1000
27TMSP00875	0.875	22.2	1000
27TMSP01000	1.000	25.4	1000

27TCSP Series

Non-Locking PCB Support



Top Hole:
Snap-Fit: .156 (4.0)
Panel thickness:
.062 (1.6)

Bottom Hole:
Snap-Lock: .156 (4.0)
Panel thickness:
.062 (1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

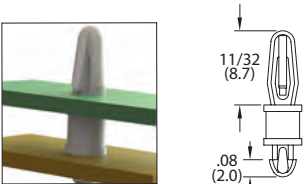
- PC board is removable
- Cupped base adds stability to mounting

Item No.	A		Bulk Pack Qty
	in	mm	
27TCSP00125	0.125	3.2	1000
27TCSP00250	0.250	6.4	1000
27TCSP00312	0.312	7.9	1000
27TCSP00375	0.375	9.5	1000
27TCSP00437	0.438	11.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
27TCSP00500	0.500	12.7	1000
27TCSP00625	0.625	15.9	1000
27TCSP00750	0.750	19.1	1000
27TCSP00875	0.875	22.2	1000
27TCSP01000	1.000	25.4	1000

LCBST Series

Locking PCB Support



Top Hole:
Snap-lock: .125 (4.0)
Panel Thickness:
.062 (1.57)

Bottom Hole:
Snap-lock: .100 (2.5)
Panel Thickness:
.064 (1.63) Max

Specifications:

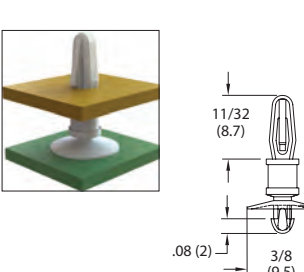
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
LCBST-2-01	0.125	3.2	1000
LCBST-3-01	0.188	4.8	1000
LCBST-4-01	0.250	6.4	1000
LCBST-5-01	0.313	7.9	1000
LCBST-6-01	0.375	9.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
LCBST-7-01	0.438	11.1	1000
LCBST-8-01	0.500	12.7	1000
LCBST-9-01	0.563	14.3	1000
LCBST-10-01	0.625	15.9	1000

CLCBST Series

Cupped Locking PCB Support



Top Hole:
Snap-lock: .125 (3.18)
Panel Thickness:
.062 (1.57)

Bottom Hole:
Snap-lock: .100 (2.54)
Panel Thickness:
.062 (1.57)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

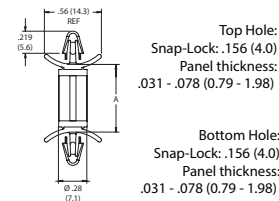
- Cupped base covers hole completely
- Low profile

Item No.	A		Bulk Pack Qty
	in	mm	
CLCBST-2-01	0.125	3.2	1000
CLCBST-3-01	0.188	4.8	1000
CLCBST-4-01	0.250	6.4	1000
CLCBST-5-01	0.313	7.9	1000
CLCBST-6-01	0.375	9.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CLCBST-7-01	0.438	11.1	1000
CLCBST-8-01	0.500	12.7	1000
CLCBST-9-01	0.563	14.3	1000
CLCBST-10-01	0.625	15.9	1000

LOCKING CIRCUIT BOARD SUPPORTS

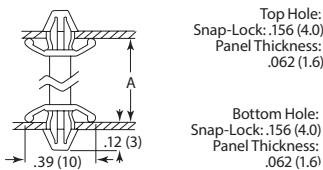
DLCBS Series
Dual Locking PCB Support



- Specifications:
- Material: Nylon 6/6
 - Flame Class: See Table
 - Color: Natural

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
DLCBS-3-01	DLCBS-3-19	0.187	4.8	1000
DLCBS-4-01	DLCBS-4-19	0.250	6.4	1000
DLCBS-6-01	DLCBS-6-19	0.375	9.5	1000
DLCBS-8-01	DLCBS-8-19	0.500	12.7	1000
DLCBS-9-01	DLCBS-9-19	0.563	14.3	1000
DLCBS-10-01	DLCBS-10-19	0.625	15.9	1000
DLCBS-12-01	DLCBS-12-19	0.750	19.1	1000
DLCBS-14-01	DLCBS-14-19	0.875	22.2	1000

CBDLS1 Series
Dual Locking PCB Support

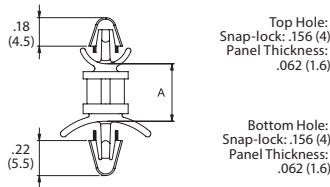


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBDLS105A	0.236	6.0	1000
CBDLS110A	0.315	8.0	1000
CBDLS115A	0.394	10.0	1000
CBDLS120A	0.472	12.0	1000
CBDLS125A	0.512	13.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBDLS130A	0.551	14.0	1000
CBDLS135A	0.630	16.0	1000
CBDLS140A	0.661	16.8	1000
CBDLS145A	0.709	18.0	1000
CBDLS150A	0.787	20.0	1000

DLCBS7 Series
Dual Locking PCB Support

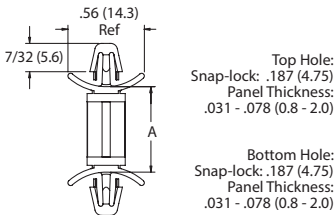


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBS7-3-01	0.188	4.8	1000
DLCBS7-4-01	0.250	6.4	1000
DLCBS7-5-01	0.312	7.9	1000
DLCBS7-6-01	0.375	9.5	1000
DLCBS7-7-01	0.412	11.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBS7-8-01	0.500	12.7	1000
DLCBS7-9-01	0.563	14.3	1000
DLCBS7-10-01	0.625	15.9	1000
DLCBS7-12-01	0.750	19.1	1000

DLCBS2/27DLP Series
Dual Locking PCB Support

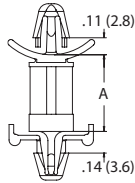


- Specifications:
- Material: Nylon 6/6
 - Flame Class: See Table
 - Color: See Table



Item No.		Bulk Pack Qty			
UL94 V-2			UL94V-0	A	
Natural	Black		Natural	in	mm
DLCBS2-3-01	—	DLCBS2-3-19	0.188	4.8	1000
DLCBS2-4-01	—	DLCBS2-4-19	0.250	6.4	1000
27DLP00295	—	—	0.295	10.7	1000
DLCBS2-6-01	—	DLCBS2-6-19	0.375	9.5	1000
27DLP00437	27DLP00437B	—	0.438	14.2	500
DLCBS2-8-01	—	DLCBS2-8-19	0.500	12.7	1000
DLCBS2-9-01	—	DLCBS2-9-19	0.563	14.3	1000
DLCBS2-10-01	—	DLCBS2-10-19	0.625	15.9	1000
DLCBS2-12-01	—	DLCBS2-12-19	0.750	19.1	1000
DLCBS2-14-01	—	DLCBS2-14-19	0.875	22.2	1000
27DLP01000	27DLP01000B	—	1.000	28.5	500
27DLP01125	—	—	1.125	31.6	1000
27DLP01250	27DLP01250B	—	1.250	34.8	1000
27DLP01375	—	—	1.375	37.9	1000
27DLP01831	—	—	1.831	46.5	1000

LOCKING CIRCUIT BOARD SUPPORTS

DLCBSRA3 Series
Removable PCB Support

Top Hole:
Snap-lock: .187 (4.8)
Panel Thickness:
.031 - .078 (0.8 - 2.0)

Bottom Hole:
Snap-lock: .187 (4.8)
Panel Thickness:
.062 (1.57)

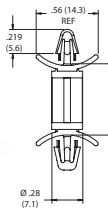
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Removable from the top side of the chassis

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBSRA3-6-01	0.375	9.5	1000
DLCBSRA3-8-01	0.500	12.7	1000
DLCBSRA3-10-01	0.625	15.9	1000
DLCBSRA3-12-01	0.750	19.1	1000
DLCBSRA3-14-01	0.875	22.2	1000

DLCBS3/CBDLS2 Series
Dual Locking PCB Support

Top Hole:
Snap-Lock: .156 (4.0)
Panel thickness:
.031 - .078 (0.8 - 2.0)

Bottom Hole:
Snap-Lock: .187 (4.75)
Panel thickness:
.031 - .078 (0.8 - 2.0)

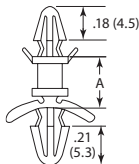
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.		A		Bulk Pack Qty
		in	mm	
DLCBS3-3-01	DLCBS3-3-19	0.188	4.8	1000
DLCBS3-4-01	DLCBS3-4-19	0.250	6.4	1000
CBDLS215A*	—	0.312	7.9	1000
DLCBS3-6-01	DLCBS3-6-19	0.375	9.5	1000
DLCBS3-8-01	DLCBS3-8-19	0.500	12.7	1000

Item No.		A		Bulk Pack Qty
		in	mm	
DLCBS3-10-01	DLCBS3-10-19	0.625	15.9	1000
DLCBS3-12-01	DLCBS3-12-19	0.750	19.1	1000
DLCBS3-14-01	DLCBS3-14-19	0.875	22.2	1000
CBDLS245A*	—	1.000	25.4	1000
CBDLS250A*	—	1.125	28.6	1000

* Style differs

CBDLS3 Series
Dual Locking PCB Support

Top Hole:
Snap-lock: .156 (4.0)
Panel Thickness:
.062 (1.6)

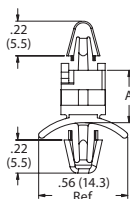
Bottom Hole:
Snap-lock: .187 (4.8)
Panel Thickness:
.031 - .078 (0.8 - 2.0)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBDLS305A	0.157	4.0	1000
CBDLS310A	0.197	5.0	1000
CBDLS315A	0.250	6.4	1000
CBDLS320A	0.276	7.0	1000
CBDLS325A	0.362	9.2	1000
CBDLS330A	0.394	10.0	1000
CBDLS335A	0.492	12.5	1000
CBDLS340A	0.618	15.7	1000
CBDLS345A	0.748	19.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBDLS350A	0.787	20.0	500
CBDLS355A	0.866	22.0	500
CBDLS360A	1.000	25.4	500
CBDLS365A	1.125	28.6	500
CBDLS370A	1.181	30.0	500
CBDLS375A	1.378	35.0	500
CBDLS380A	1.496	38.0	500
CBDLS385A	1.772	45.0	500

DLCBS4 Series
Dual Locking PCB Support

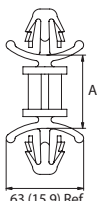
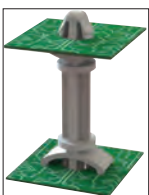
Top Hole:
Snap-lock: .156 (4)
Panel Thickness:
.050 - .078 (1.3 - 2)

Bottom Hole:
Snap-lock: .187 (4.75)
Panel Thickness:
.031 - .078 (0.8 - 2)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBS4-3.5-01	0.217	5.5	1000
DLCBS4-4-01	0.240	6.1	1000
DLCBS4-5-01	0.358	9.1	1000
DLCBS4-6-01	0.488	12.4	1000
DLCBS4-8-01	0.740	18.8	1000
DLCBS4-10-01	0.862	21.9	1000

DLCBSHD Series
Dual Locking PCB Support
Heavy Duty

Top Hole:
Snap-lock: .250 (6.3)
Panel Thickness:
.03 - .09 (0.8 - 2.2)

Bottom Hole:
Snap-lock: .250 (6.3)
Panel Thickness:
.03 - .09 (0.8 - 2.2)

Specifications:

- Material: Nylon 6/6
- Flame Class: See table
- Color: Natural

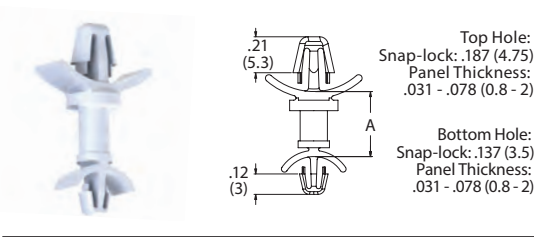
Features:

- Larger design provides a strong, sturdy mounting method for heavily loaded PCBs

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	mm		
DLCBSHD-10M-01	DLCBSHD-10M-19	10.0		1000
DLCBSHD-20M-01	DLCBSHD-20M-19	20.0		1000
DLCBSHD-25M-01	DLCBSHD-25M-19	25.0		1000
DLCBSHD-30M-01	DLCBSHD-30M-19	30.0		1000
DLCBSHD-35M-01	DLCBSHD-35M-19	35.0		1000

LOCKING CIRCUIT BOARD SUPPORTS

DLCBS6 Series
Dual Locking PCB Support

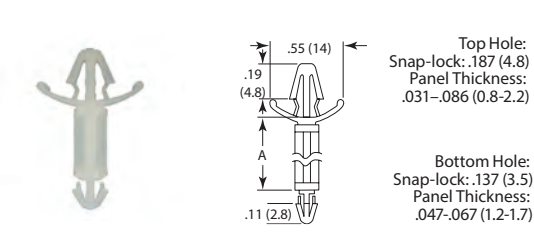


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBS6-3-01	0.188	4.8	1000
DLCBS6-4-01	0.250	6.4	1000
DLCBS6-5-01	0.313	7.9	1000
DLCBS6-6-01	0.375	9.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBS6-7-01	0.438	11.1	1000
DLCBS6-8-01	0.500	12.7	1000
DLCBS6-9-01	0.563	14.3	1000
DLCBS6-10-01	0.625	15.9	1000

CBLS1 Series
Dual Locking PCB Support

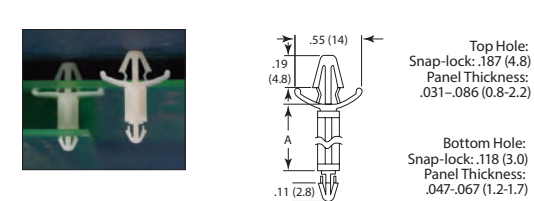


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBLS105A	0.125	3.2	1000
CBLS110A	0.197	5.0	1000
CBLS115A	0.248	6.3	1000
CBLS120A	0.315	8.0	1000
CBLS125A	0.394	10.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBLS130A	0.472	12.0	1000
CBLS135A	0.551	14.0	1000
CBLS140A	0.630	16.0	1000
CBLS145A	0.709	18.0	1000
CBLS150A	0.984	25.0	1000

CBLS2 Series
Dual Locking PCB Support

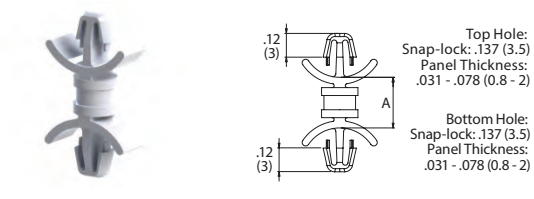


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBLS205A	0.125	3.2	1000
CBLS210A	0.187	4.8	1000
CBLS215A	0.248	6.3	1000
CBLS220A	0.315	8.0	1000
CBLS225A	0.394	10.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBLS230A	0.472	12.0	1000
CBLS235A	0.551	14.0	1000
CBLS240A	0.630	16.0	1000
CBLS245A	0.709	18.0	1000
CBLS250A	0.984	25.0	1000

DLCBS5 Series
Dual Locking PCB Support

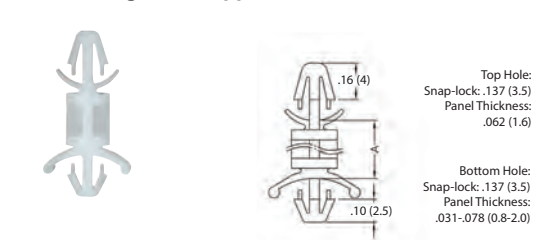


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBS5-3-01	0.188	4.8	1000
DLCBS5-4-01	0.250	6.4	1000
DLCBS5-5-01	0.313	7.9	1000
DLCBS5-6-01	0.375	9.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBS5-7-01	0.438	11.1	1000
DLCBS5-8-01	0.500	12.7	1000
DLCBS5-9-01	0.563	14.3	1000
DLCBS5-10-01	0.625	15.9	1000

CBDL6 Series
Dual Locking PCB Support

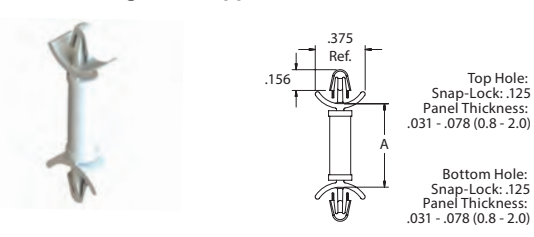


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBDL605A	0.125	3.2	2000
CBDL610A	0.157	4.0	2000
CBDL615A	0.188	4.8	1000
CBDL620A	0.250	6.4	1000
CBDL625A	0.276	7.0	1000
CBDL630A	0.315	8.0	1000
CBDL635A	0.378	9.6	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBDL640A	0.441	11.2	1000
CBDL645A	0.500	12.7	1000
CBDL650A	0.551	14.0	1000
CBDL655A	0.630	16.0	1000
CBDL660A	0.709	18.0	1000
CBDL665A	0.750	19.1	1000

DLCBSM Series
Dual Locking PCB Support

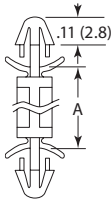


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBSM-3-01	0.188	4.8	1000
DLCBSM-4-01	0.250	6.4	1000
DLCBSM-5-01	0.313	7.9	1000
DLCBSM-6-01	0.375	9.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBSM-7-01	0.438	11.1	1000
DLCBSM-8-01	0.500	12.7	1000
DLCBSM-9-01	0.563	14.3	1000
DLCBSM-10-01	0.625	15.9	1000

LOCKING CIRCUIT BOARD SUPPORTS

CBDLS5 Series
Dual Locking PCB Support


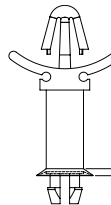
Top Hole:
 Snap-lock: .118 (3.0)
 Panel Thickness:
 .047-.078 (1.2-2.0)

Bottom Hole:
 Snap-lock: .118 (3.0)
 Panel Thickness:
 .047-.078 (1.2-2.0)

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBDLS505A	0.125	3.2	1000
CBDLS510A	0.197	5.0	1000
CBDLS515A	0.250	6.4	1000
CBDLS520A	0.276	7.0	1000
CBDLS525A	0.315	8.0	1000
CBDLS530A	0.375	9.5	1000
CBDLS535A	0.441	11.2	1000
CBDLS540A	0.472	12.0	1000
CBDLS545A	0.591	15.0	1000
CBDLS550A	0.630	16.0	1000
CBDLS555A	0.669	17.0	1000
CBDLS560A	0.787	20.0	1000
CBDLS565A	0.866	22.0	1000
CBDLS570A	1.000	25.4	1000

27LSP Series
Locking Support Post


Top Hole:
 Snap-lock: .187 (4.8)
 Panel Thickness:
 .030-.078 (0.8 - 2.0)

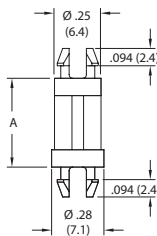
Bottom Hole:
 Snap-lock: .156 (4.0)
 Panel Thickness:
 .062 (1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: See Table



Item No.	Spacer Length		Bulk Pack Qty
	Natural	Black	
27LSP00187	—	—	1000
27LSP00250	27LSP00250B	—	1000
27LSP00375	27LSP00375B	—	1000
27LSP00437	—	—	1000
27LSP00500	—	—	1000
27LSP00625	—	—	1000
27LSP00750	—	—	1000
27LSP00875	—	—	1000
27LSP01000	—	—	1000
27LSP01125	—	—	1000
27LSP01250	—	—	1000
27LSP01375	—	—	1000

SP2 Series
Locking Support Post


Top Hole:
 Snap-Lock: .187 (4.8)
 Panel Thickness:
 .062 (1.6)

Bottom Hole:
 Snap-Lock: .187 (4.8)
 Panel Thickness:
 .062 (1.6)

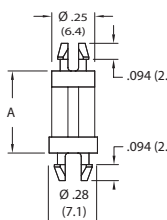
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Larger base on one end differentiates one end from another

Item No.	A		Bulk Pack Qty
	in	mm	
SP2-3-01	0.188	4.8	1000
SP2-4-01	0.250	6.4	1000
SP2-6-01	0.375	9.5	1000
SP2-8-01	0.500	12.7	1000
SP2-10-01	0.625	15.9	1000
SP2-12-01	0.750	19.1	1000
SP2-14-01	0.875	22.2	1000
SP2-16-01	1.000	25.4	1000

SP3 Series
Locking Support Post


Top Hole:
 Snap-Lock: .156 (4.0)
 Panel Thickness:
 .062 (1.6)

Bottom Hole:
 Snap-Lock: .187 (4.75)
 Panel Thickness:
 .062 (1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

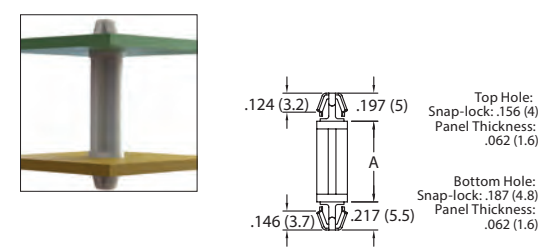
Features:

- Larger base on one end differentiates one end from another

Item No.	A		Bulk Pack Qty
	in	mm	
SP3-3-01	0.188	4.8	1000
SP3-4-01	0.250	6.4	1000
SP3-6-01	0.375	9.5	1000
SP3-8-01	0.500	12.7	1000
SP3-10-01	0.625	15.9	1000
SP3-12-01	0.750	19.1	1000
SP3-14-01	0.875	22.2	1000
SP3-16-01	1.000	25.4	1000

LOCKING CIRCUIT BOARD SUPPORTS

DLSP-3 Series
Locking Support Post

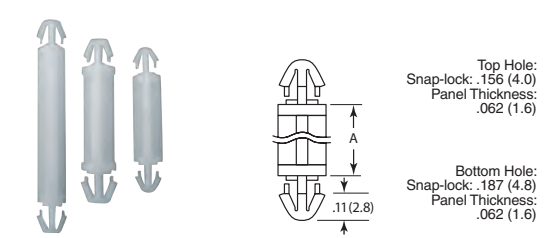


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

- Features:
- Recess shoulder fits Into PCB to provide greater stability

Item No.	A		Bulk Pack Qty
	in	mm	
DLSP-3-3M-01	0.118	3.0	1000
DLSP-3-4M-01	0.157	4.0	1000
DLSP-3-6M-01	0.236	6.0	1000
DLSP-3-8M-01	0.315	8.0	1000
DLSP-3-10M-01	0.394	10.0	1000
DLSP-3-14M-01	0.551	14.0	1000

CBLSP2 Series
Locking Support Posts

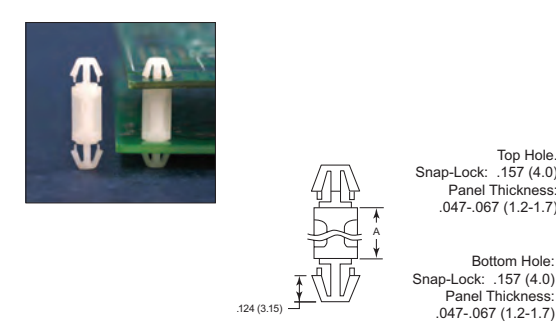


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBLSP205A	0.118	3.0	1000
CBLSP210A	0.157	4.0	1000
CBLSP215A	0.236	6.0	1000
CBLSP220A	0.315	8.0	1000
CBLSP225A	0.394	10.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBLSP230A	0.472	12.0	1000
CBLSP235A	0.551	14.0	1000
CBLSP240A	0.630	16.0	1000
CBLSP245A	0.709	18.0	1000

DLSP-1/CBLSP0/CBLSP1 Series
Locking Support Post

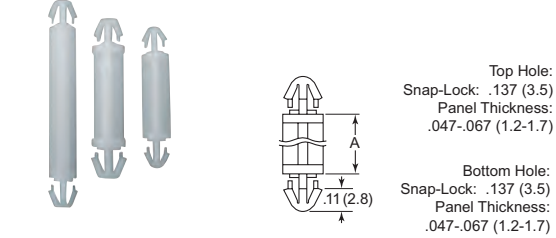


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLSP-1-3M-01	0.118	3.0	1000
CBLSP010A	0.138	3.5	2000
DLSP-1-4M-01	0.157	4.0	1000
CBLSP020A	0.197	5.0	2000
DLSP-1-6M-01	0.236	6.0	1000
CBLSP030A	0.250	6.4	1000
DLSP-1-8M-01	0.315	8.0	1000
DLSP-1-10M-01	0.394	10.0	1000
CBLSP045A	0.413	10.5	1000
CBLSP050A	0.453	11.5	1000
DLSP-1-12M-01	0.472	12.0	1000
CBLSP060A	0.500	12.7	1000
DLSP-1-14M-01	0.551	14.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLSP-1-16M-01	0.625	15.9	1000
DLSP-1-18M-01	0.709	18.0	1000
CBLSP080A	0.748	19.0	1000
CBLSP085A	0.787	20.0	1000
CBLSP095A	1.063	27.0	1000
CBLSP105A	1.339	34.0	1000
CBLSP110A	2.717	69.0	500
CBLSP115A	2.803	71.2	500
CBLSP120A	2.835	72.0	500
CBLSP125A	2.921	74.2	500
CBLSP130A	3.150	80.0	500
DLSP-1-25M-01	0.984	25.0	1000
DLSP-1-30M-01	1.181	30.0	1000

CBLSP3 Series
Locking Support Post

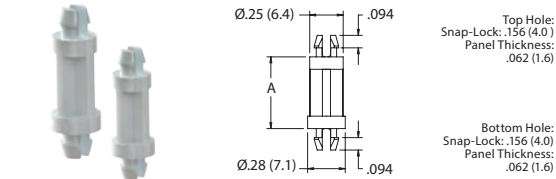


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBLSP305A	0.098	2.5	2000
CBLSP310A	0.118	3.0	2000
CBLSP315A	0.138	3.5	2000
CBLSP320A	0.157	4.0	2000
CBLSP325A	0.177	4.5	2000
CBLSP330A	0.197	5.0	2000
CBLSP335A	0.217	5.5	1000
CBLSP340A	0.236	6.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBLSP345A	0.250	6.4	1000
CBLSP350A	0.276	7.0	1000
CBLSP355A	0.315	8.0	1000
CBLSP360A	0.354	9.0	1000
CBLSP365A	0.394	10.0	1000
CBLSP370A	0.433	11.0	1000
CBLSP375A	0.472	12.0	1000
CBLSP380A	0.591	15.0	1000

SP1 Series
Locking Support Post

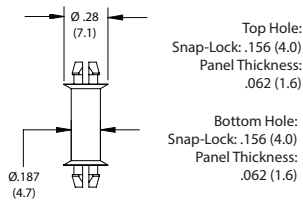


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
SP1-3-01	0.188	4.8	1000
SP1-4-01	0.250	6.4	1000
SP1-6-01	0.375	9.5	1000
SP1-8-01	0.500	12.7	1000

Item No.	A		Bulk Pack Qty
	in	mm	
SP1-10-01	0.625	15.9	1000
SP1-12-01	0.750	19.1	1000
SP1-14-01	0.875	22.2	1000
SP1-16-01	1.000	25.4	1000

LOCKING CIRCUIT BOARD SUPPORTS

27DSP Series
Locking Cupped Support Post

Specifications:

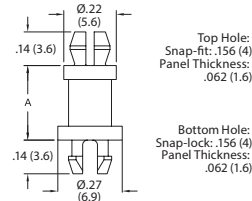
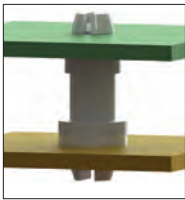
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: See Table

Features:

- Cupped base adds stability to mounting

Item No	A		Bulk Pack Qty
	Natural	Black	
27DSP00125	—	—	1000
27DSP00229	—	—	1000
27DSP00250	—	—	1000
27DSP00260	—	—	1000
27DSP00276	—	—	1000
27DSP00312	—	—	1000
27DSP00375	—	—	1000
27DSP00437	—	—	1000

Item No	A		Bulk Pack Qty
	Natural	Black	
27DSP00472	—	—	1000
27DSP00500	—	—	1000
27DSP00625	27DSP00625B	—	1000
27DSP00750	—	—	1000
27DSP00788	—	—	1000
27DSP00875	—	—	1000
27DSP01000	—	—	500
27DSP01250	—	—	1000

MSPS Series
Removable Mini Support Post

Specifications:

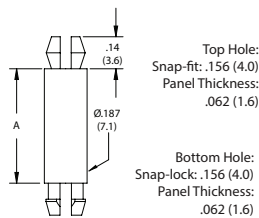
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Board mount head is releasable
- Shoulder on bottom for locating to facilitate automated assembly

Item No.	A		Bulk Pack Qty
	in	mm	
MSPS-3-01	0.188	4.8	1000
MSPS-4-01	0.250	6.4	1000
MSPS-5-01	0.313	7.9	1000
MSPS-6-01	0.375	9.5	1000
MSPS-7-01	0.438	11.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
MSPS-8-01	0.500	12.7	1000
MSPS-10-01	0.625	15.9	1000
MSPS-11-01	0.688	17.5	1000
MSPS-12-01	0.750	19.1	1000
MSPS-14-01	0.875	22.2	1000

27MP/CBMSP2 Series
Removable Mini Support Post

Specifications:

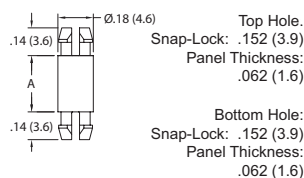
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: See Table

Features:

- Board mount head is releasable

Item No.	A		Bulk Pack Qty
	Natural	Black	
CBMSP215A	—	—	1000
27MP00197	—	—	1000
27MP00250	27MP00250B	—	1000
CBMSP230A	—	—	1000
27MP00312	—	—	1000
27MP00375	27MP00375B	—	1000
CBMSP245A	—	—	1000
27MP00437	27MP00437B	—	1000

Item No.	A		Bulk Pack Qty
	Natural	Black	
27MP00437S	27MP00437SB	—	1000
27MP00500	27MP00500B	—	1000
CBMSP255A	—	—	1000
27MP00625	27MP00625B	—	1000
27MP00750	—	—	1000
27MP00875	—	—	1000
27MP01000	27MP01000B	—	1000
27MP01950	—	—	1000

DLMSP Series
Locking Mini Support Post

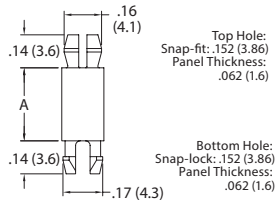
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLMSP-2-01	0.125	3.2	1000
DLMSP-3-01	0.188	4.8	1000
DLMSP-4-01	0.250	6.4	1000
DLMSP-5-01	0.313	7.9	1000
DLMSP-6-01	0.375	9.5	1000
DLMSP-7-01	0.438	11.1	1000
DLMSP-8-01	0.500	12.7	1000
DLMSP-9-01	0.563	14.3	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLMSP-10-01	0.625	15.9	1000
DLMSP-12-01	0.750	19.1	1000
DLMSP-14-01	0.875	22.2	1000
DLMSP-16-01	1.000	25.4	1000
DLMSP-18-01	1.125	28.6	1000
DLMSP-20-01	1.250	31.8	1000
DLMSP-22-01	1.375	34.9	1000
DLMSP-24-01	1.500	38.1	1000

MSP Series
Removable Mini Support Post



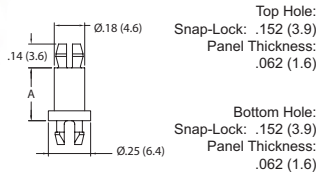
- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

- Features:
- Board mount head is releasable

Item No.	A		Bulk Pack Qty
	in	mm	
MSP-2-01	0.125	3.2	1000
MSP-3-01	0.188	4.8	1000
MSP-4-01	0.250	6.4	1000
MSP-5-01	0.313	7.9	1000
MSP-6-01	0.375	9.5	1000
MSP-7-01	0.438	11.1	1000
MSP-8-01	0.500	12.7	1000
MSP-9-01	0.563	14.3	1000
MSP-10-01	0.625	15.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
MSP-11-01	0.688	17.5	1000
MSP-12-01	0.750	19.1	1000
MSP-13-01	0.811	20.6	1000
MSP-14-01	0.875	22.2	1000
MSP-16-01	1.000	25.4	1000
MSP-18-01	1.125	28.6	1000
MSP-20-01	1.250	31.8	1000
MSP-22-01	1.375	34.9	1000
MSP-24-01	1.500	38.1	1000

MSPE Series
Removable Mini Support Post



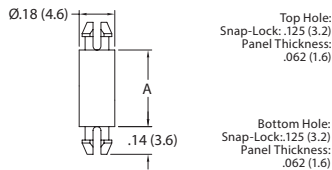
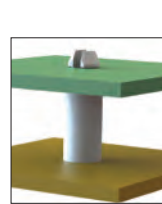
- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 available by special order
 - Color: Natural

- Features:
- Board mount head is releasable
 - Larger base on one end differentiates one end from another

Item No.	A		Bulk Pack Qty
	in	mm	
MSPE-2-01	0.125	3.2	1000
MSPE-3-01	0.188	4.8	1000
MSPE-4-01	0.250	6.4	1000
MSPE-5-01	0.313	7.9	1000
MSPE-6-01	0.375	9.5	1000
MSPE-7-01	0.438	11.1	1000
MSPE-8-01	0.500	12.7	1000

Item No.	A		Bulk Pack Qty
	in	mm	
MSPE-10-01	0.625	15.9	1000
MSPE-11-01	0.688	17.5	1000
MSPE-12-01	0.750	19.1	1000
MSPE-14-01	0.875	22.2	1000
MSPE-16-01	1.000	25.4	1000
MSPE-20-01	1.250	31.8	1000
MSPE-22-01	1.375	34.9	1000

DLMSPM Series
Locking Mini Support Post

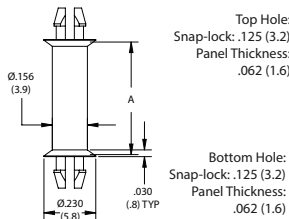


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLMSPM-2-01	0.125	3.2	1000
DLMSPM-3-01	0.188	4.8	1000
DLMSPM-4-01	0.250	6.4	1000
DLMSPM-5-01	0.313	7.9	1000
DLMSPM-6-01	0.375	9.5	1000
DLMSPM-7-01	0.438	11.1	1000
DLMSPM-8-01	0.500	12.7	1000
DLMSPM-9-01	0.563	14.3	1000
DLMSPM-10-01	0.625	15.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLMSPM-12-01	0.750	19.1	1000
DLMSPM-13-01	0.813	20.6	1000
DLMSPM-14-01	0.875	22.2	1000
DLMSPM-16-01	1.000	25.4	1000
DLMSPM-18-01	1.125	28.6	1000
DLMSPM-20-01	1.250	31.8	1000
DLMSPM-22-01	1.375	34.9	1000
DLMSPM-24-01	1.500	38.1	1000

27DMSP Series
Locking Cupped Mini Support Post



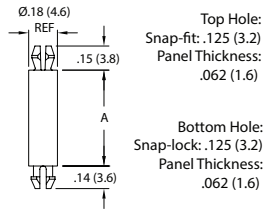
- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: See Table

- Features:
- Cupped base adds stability to mounting

Item No.	A		Bulk Pack Qty
	in	mm	
27MSP00125	0.125	3.2	1000
27MSP00156	0.156	4.0	1000
27MSP00250	0.250	6.4	1000
27MSP00276	0.276	7.0	1000
27MSP00312	0.312	7.9	1000
27MSP00375	0.375	9.5	1000
27MSP00437	0.438	11.1	1000
27MSP00472	0.472	12.0	1000
27MSP00500	0.500	12.7	1000
27MSP00625	0.625	15.9	1000
27MSP00700	0.690	17.5	1000
27MSP00750	0.750	19.1	1000
27MSP00875	0.875	22.2	1000
27MSP01000	1.000	25.4	1000
27MSP01800	1.800	45.7	1000



CIRCUIT BOARD SUPPORTS

MSPM/CBMSP0 Series
Removable Mini Support Post

Specifications:

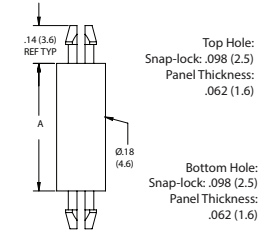
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Board mount head is releasable

Item No.	A		Bulk Pack Qty
	in	mm	
MSPM-2-01	0.125	3.2	1000
MSPM-3-01	0.188	4.8	1000
MSPM-4-01	0.250	6.4	1000
MSPM-5-01	0.312	7.9	1000
MSPM-6-01	0.375	9.5	1000
MSPM-7-01	0.438	11.1	1000
MSPM-8-01	0.500	12.7	1000
MSPM-9-01	0.562	14.3	1000
MSPM-10-01	0.625	15.9	1000
CBMSP055A	0.687	17.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
MSPM-12-01	0.750	19.1	1000
MSPM-13-01	0.811	20.6	1000
CBMSP070A	0.827	21.0	1000
MSPM-14-01	0.875	22.2	1000
MSPM-16-01	1.000	25.4	1000
MSPM-18-01	1.122	28.5	1000
MSPM-20-01	1.250	31.7	1000
MSPM-22-01	1.375	34.9	1000
MSPM-24-01	1.500	38.1	1000

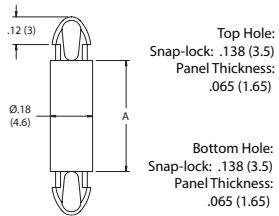
27MMP Series
Locking Mini Support Post

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
27MMP002	0.078	2.0	1000
27MMP003	0.118	3.0	1000
27MMP003A	0.138	3.5	1000
27MMP004	0.156	4.0	1000
27MMP005	0.197	5.0	1000
27MMP006	0.236	6.0	1000
27MMP008	0.314	8.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
27MMP010	0.394	10.0	1000
27MMP012	0.472	12.0	1000
27MMP014	0.551	14.0	1000
27MMP016	0.630	16.0	1000
27MMP018	0.709	18.0	1000
27MMP020	0.787	20.0	1000
27MMP022	0.866	22.0	1000

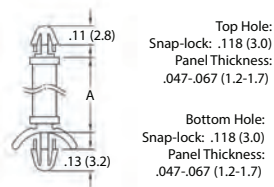
MDLSP2 Series
Locking Mini Support Post

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
MDLSP2-02M-01	0.078	2.0	1000
MDLSP2-03M-01	0.118	3.0	1000
MDLSP2-04M-01	0.156	4.0	1000
MDLSP2-05M-01	0.197	5.0	1000
MDLSP2-06M-01	0.236	6.0	1000
MDLSP2-07M-01	0.276	7.0	1000
MDLSP2-08M-01	0.314	8.0	1000
MDLSP2-09M-01	0.354	9.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
MDLSP2-10M-01	0.394	10.0	1000
MDLSP2-12M-01	0.472	12.0	1000
MDLSP2-14M-01	0.551	14.0	1000
MDLSP2-16M-01	0.630	16.0	1000
MDLSP2-18M-01	0.709	18.0	1000
MDLSP2-20M-01	0.787	20.0	1000
MDLSP2-22M-01	0.866	22.0	1000

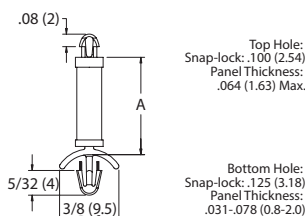
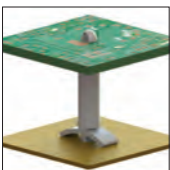
CBLS3 Series
Locking PCB Support

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBLS305A	0.125	3.2	1000
CBLS310A	0.188	4.8	1000
CBLS315A	0.250	6.4	1000
CBLS320A	0.312	7.9	1000
CBLS325A	0.375	9.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBLS330A	0.438	11.1	1000
CBLS335A	0.500	12.7	1000
CBLS340A	0.562	14.3	1000
CBLS345A	0.625	15.9	1000
CBLS350A	0.748	19.0	1000

DLCBSAT Series
Dual Locking PCB Support

Specifications:

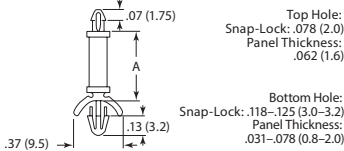
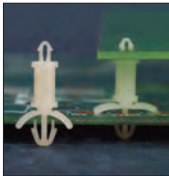
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBSAT-2-01	0.125	3.2	1000
DLCBSAT-3-01	0.188	4.8	1000
DLCBSAT-4-01	0.250	6.4	1000
DLCBSAT-5-01	0.312	7.9	1000
DLCBSAT-6-01	0.375	9.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBSAT-7-01	0.438	11.1	1000
DLCBSAT-8-01	0.500	12.7	1000
DLCBSAT-9-01	0.562	14.3	1000
DLCBSAT-10-01	0.625	15.9	1000

LOCKING CIRCUIT BOARD SUPPORTS

CBSL5 Series
Locking PCB Support

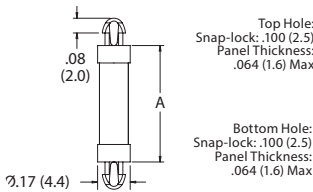


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBSL505A	0.125	3.2	1000
CBSL510A	0.188	4.8	1000
CBSL515A	0.250	6.4	1000
CBSL520A	0.312	7.9	1000
CBSL525A	0.375	9.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBSL530A	0.438	11.1	1000
CBSL535A	0.500	12.7	1000
CBSL540A	0.562	14.3	1000
CBSL545A	0.625	15.9	1000

DLCBST Series
Dual Locking PCB Support

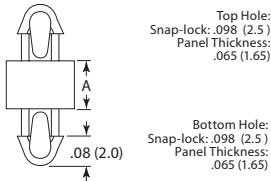


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBST-1-01	0.063	1.6	1000
DLCBST-2-01	0.125	3.2	1000
DLCBST-3-01	0.188	4.8	1000
DLCBST-4-01	0.250	6.4	1000
DLCBST-5-01	0.312	7.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
DLCBST-6-01	0.375	9.5	1000
DLCBST-7-01	0.438	11.1	1000
DLCBST-8-01	0.500	12.7	1000
DLCBST-9-01	0.562	14.3	1000
DLCBST-10-01	0.625	15.9	1000

MDLSP1/CBMLSP0 Series
Dual Locking PCB Support

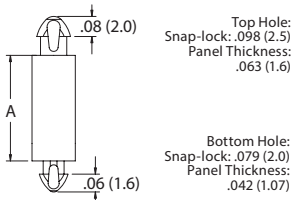


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
MDLSP1-02M-01	0.078	2.0	1000
MDLSP1-03M-01	0.118	3.0	1000
MDLSP1-04M-01	0.156	4.0	1000
MDLSP1-05M-01	0.197	5.0	1000
MDLSP1-06M-01	0.236	6.0	1000
MDLSP1-07M-01	0.276	7.0	1000
MDLSP1-08M-01	0.314	8.0	1000
CBMLSP040A	0.334	8.5	2000

Item No.	A		Bulk Pack Qty
	in	mm	
MDLSP1-09M-01	0.354	9.0	1000
MDLSP1-10M-01	0.394	10.0	1000
MDLSP1-12M-01	0.472	12.0	1000
MDLSP1-14M-01	0.551	14.0	1000
MDLSP1-16M-01	0.630	16.0	1000
MDLSP1-18M-01	0.709	18.0	1000
MDLSP1-20M-01	0.787	20.0	1000
MDLSP1-22M-01	0.866	22.0	1000

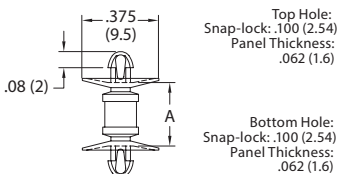
MDLSP3 Series
Dual Locking PCB Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
MDLSP3-1-01	0.063	1.6	1000
MDLSP3-2-01	0.125	3.2	1000
MDLSP3-3-01	0.188	4.8	1000
MDLSP3-4-01	0.250	6.4	1000
MDLSP3-5-01	0.313	7.9	1000
MDLSP3-6-01	0.375	9.5	1000

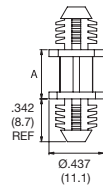
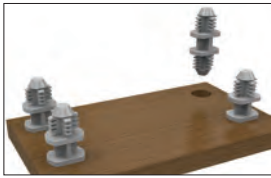
CDLCBST Series
Cupped Dual Locking PCB Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural
- Features:
- Cupped base completely covers hole and also adds stability

Item No.	A		Bulk Pack Qty
	in	mm	
CDLCBST-3-01	0.188	4.8	1000
CDLCBST-4-01	0.250	6.4	1000
CDLCBST-5-01	0.313	7.9	1000
CDLCBST-6-01	0.375	9.5	1000
CDLCBST-7-01	0.438	11.1	1000
CDLCBST-8-01	0.500	12.7	1000
CDLCBST-9-01	0.563	14.3	1000
CDLCBST-10-01	0.625	15.9	1000

LOCKING CIRCUIT BOARD SUPPORTS

BHDF Series
Double Fir-Tree Mount PCB Support


Top Hole:
Press-fit: .312 (7.92)
Panel Thickness:
.250 (6.35) Min

Bottom Hole:
Press-fit: .312 (7.92)
Panel Thickness:
.250 (6.35) Min

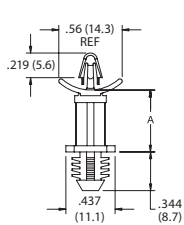
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Fir-tree mount is flexible and will lock into round, threaded, punched or drilled blind holes

Item No.	A		Bulk Pack Qty
	in	mm	
BHDF-3M-01	0.118	3.0	1000
BHDF-4M-01	0.156	4.0	1000
BHDF-6M-01	0.236	6.0	1000
BHDF-8M-01	0.314	8.0	1000
BHDF-12M-01	0.472	12.0	1000
BHDF-14M-01	0.551	14.0	1000
BHDF-16M-01	0.630	16.0	1000
BHDF-18M-01	0.709	18.0	1000
BHDF-20M-01	0.787	20.0	1000

BHDL Series
Fir-Tree Locking PCB Support


Top Hole:
Snap-lock: .156 (4)
Panel Thickness:
.031 - .078 (0.79 - 1.98)

Bottom Hole:
Press-fit: .312 (7.92)
Panel Thickness:
.250 (6.4) Min.

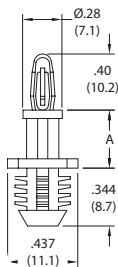
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Fir-tree mount is flexible and will lock into round, threaded, punched or drilled blind holes
- Available for a .250 (6.4) blind hole by special order

Item No.	A		Bulk Pack Qty
	in	mm	
BHDL-4-01	0.250	6.4	1000
BHDL-6-01	0.375	9.5	1000
BHDL-8-01	0.500	12.7	1000
BHDL-10-01	0.625	15.9	1000
BHDL-12-01	0.750	19.1	1000
BHDL-14-01	0.875	22.2	1000

BHL/CBBHS Series
Fir-Tree Locking PCB Support


Top Hole:
Snap-lock: .156 (4.0)
Panel Thickness:
.062 (1.6)

Bottom Hole:
Press-fit: .312 (7.9)
Panel Thickness:
.250 (6.4) Min

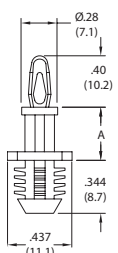
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Fir-tree mount is flexible and will lock into round, threaded, punched or drilled blind holes
- Available for a .250 (6.4) blind hole by special order

Item No.	A		Bulk Pack Qty
	in	mm	
BHL-3-01	0.188	4.8	1000
BHL-4-01	0.250	6.4	1000
BHL-6-01	0.375	9.5	1000
BHL-7-01	0.438	11.1	1000
BHL-8-01	0.500	12.7	1000
BHL-10-01	0.625	15.9	1000
BHL-12-01	0.750	19.1	1000
BHL-14-01	0.875	22.2	1000
CBBHS045A	1.000	25.4	1000

BHC Series
Fir-Tree Non-Locking PCB Support


Top Hole:
Snap-fit: .156 (4.0)
Panel Thickness:
.062 (1.6)

Bottom Hole:
Press-fit: .312 (7.9)
Panel Thickness:
.250 (6.4) Min

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

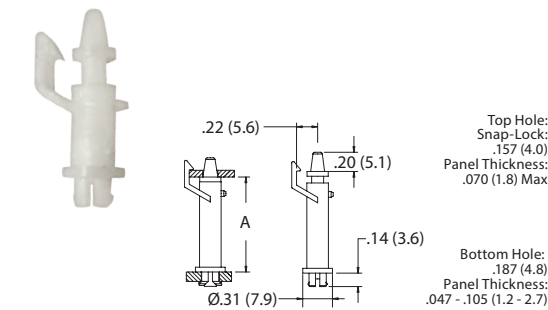
Features:

- Fir-tree mount is flexible and will lock into round, threaded, punched or drilled blind holes
- Available for a .250 (6.4) blind hole by special order

Item No.	A		Bulk Pack Qty
	in	mm	
BHC-3-01	0.188	4.8	1000
BHC-4-01	0.250	6.4	1000
BHC-6-01	0.375	9.5	1000
BHC-8-01	0.500	12.7	1000
BHC-10-01	0.625	15.9	1000
BHC-12-01	0.750	19.1	1000
BHC-14-01	0.875	22.2	1000

CIRCUIT BOARD SUPPORTS

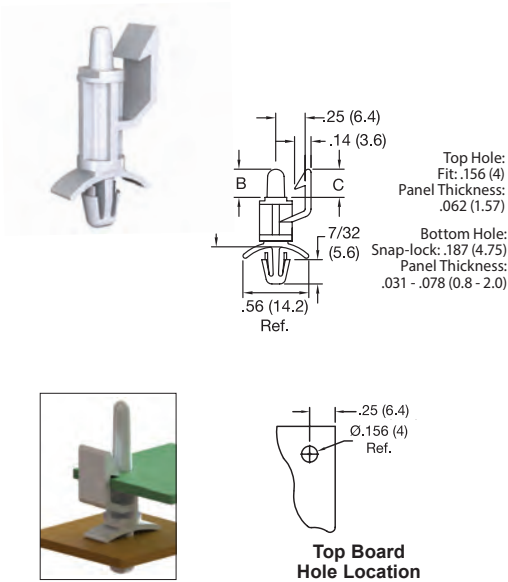
REHCBS Series
Rivet Edge Holding PCB Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
REHCBS-4-01	0.250	6.4	1000
REHCBS-8-01	0.500	12.7	1000

EHCBS Series
Edge Holding Circuit Board Support

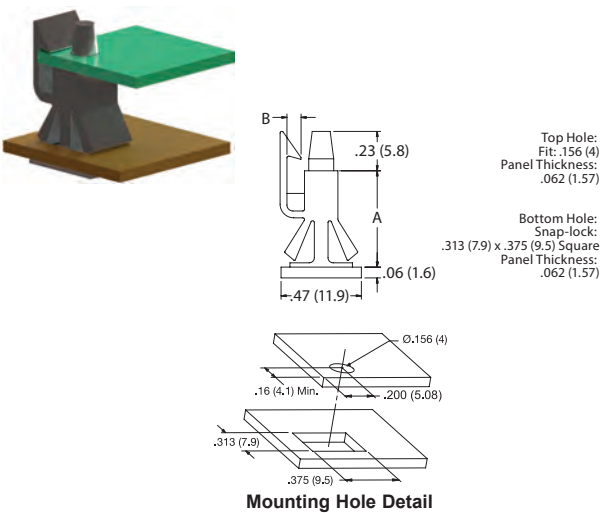


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

- Features:
- Long nose facilitates alignment of components on board with the mating parts on the chassis
 - PCB is easy to remove for service

Item No.			A		Bulk Pack Qty
B = .60 (15.2) C = .29 (7.5)	B = .24 (6.1) C = .24 (6.1)	B = .24 (6.1) C = .29 (7.5)	in	mm	
EHCBS-5-01	EHCBS-6-5-01	EHCBS-7-5-01	0.312	7.9	1000
EHCBS-6-01	EHCBS-6-6-01	EHCBS-7-6-01	0.375	9.5	1000
EHCBS-8-01	EHCBS-6-8-01	EHCBS-7-8-01	0.500	12.7	1000
EHCBS-10-01	—	EHCBS-7-10-01	0.625	15.9	1000
EHCBS-12-01	EHCBS-6-12-01	EHCBS-7-12-01	0.750	19.1	1000
EHCBS-14-01	—	EHCBS-7-14-01	0.875	22.2	1000
EHCBS-16-01	EHCBS-6-16-01	EHCBS-7-16-01	1.000	25.4	1000

RLEHCBS Series
Reverse Locking Edge Holding Circuit Board Support



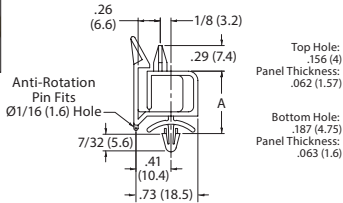
- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Black

- Features:
- Use in a square hole to prevent rotation
 - Locking arm secures the board
 - Board is removable for repair or service

Item No.	A		B		Bulk Pack Qty
	in	mm	in	mm	
RLEHCBS-5-01BK	0.38	9.5	0.06	1.5	1000
RLEHCBS-6-01BK	0.44	11.1	0.06	1.5	1000
RLEHCBS-7-01BK	0.50	12.7	0.08	2.1	1000
RLEHCBS-8-01BK	0.56	14.3	0.08	2.1	1000

PCBEH Series

Edge Holding Circuit Board Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural
- Features:
- Pin prevents rotation
 - PCB is easy to remove for service

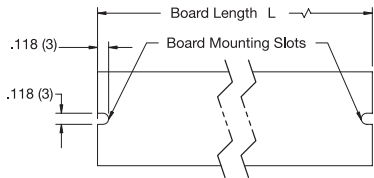
Item No.	A		Bulk Pack Qty
	in	mm	
PCBEH-7-01	0.47	11.9	1000
PCBEH-10-01	0.66	16.8	1000
PCBEH-14-01	0.91	23.1	1000

UBM/UBMC Series

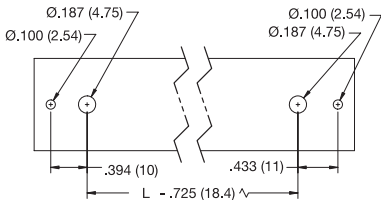
Universal Board Mount



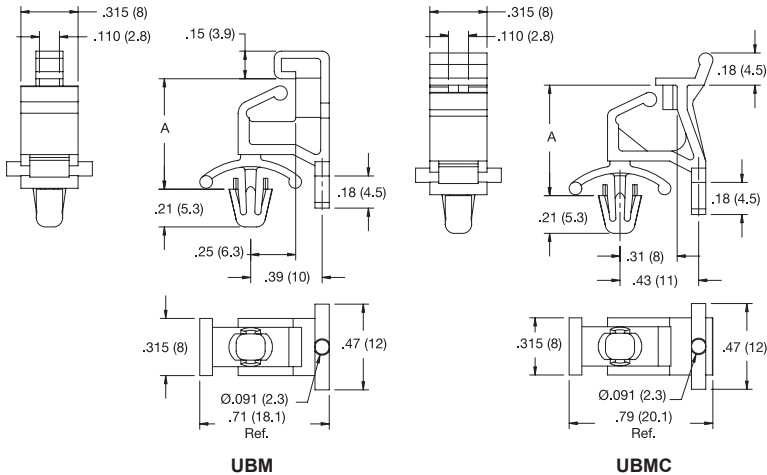
Top Hole: See Below
Panel Thickness: .06 - .09 (1.6 - 2.3)



Bottom Hole: See Below
Panel Thickness: .04 - .09 (1 - 2.3)



Mounting Holes

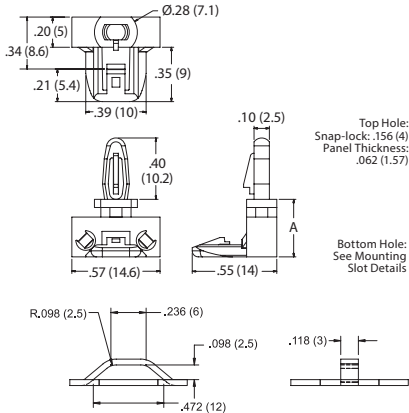


- Specifications:
- UL94 V-2 Material: Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural
- Features:
- Wide base minimizes rocking
 - Releasable board lock
 - Anti-rotation pins

Item No.		A		Bulk Pack Qty
		in	mm	
UBM-12.3M-01	UBMC-12.3M-01	0.48	12.3	500
UBM-15.5M-01	UBMC-15.5M-01	0.61	15.5	500
UBM-22.0M-01	UBMC-22.0M-01	0.87	22.0	500

SMLCBS Series

Side Mount Locking Circuit Board Support



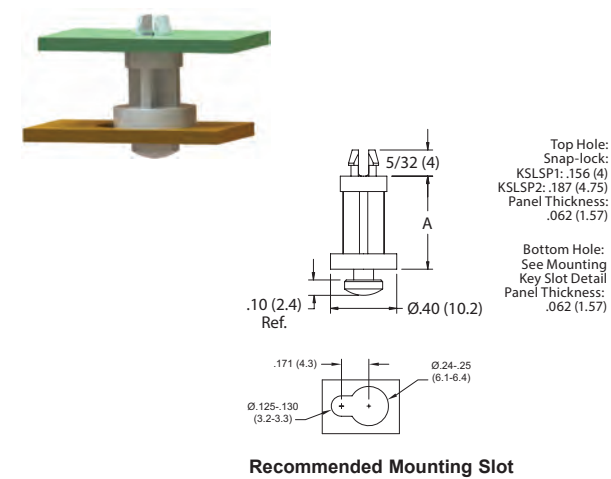
Recommended Mounting Slot

- Specifications:
- Material: Nylon 6/6
 - Flame Class: See Table
 - Color: Natural
- Features:
- Slides easily into pre-formed slot, leaving no protrusion under the chassis
 - Removable by pressing the locking tab

Item No.		A		Bulk Pack Qty
		in	mm	
UL94 V-2	UL94 V-0			
SMLCBS-5-01	SMLCBS-5-19	0.313	7.9	1000
SMLCBS-6-01	SMLCBS-6-19	0.375	9.5	1000
SMLCBS-7-01	SMLCBS-7-19	0.437	11.1	1000
SMLCBS-8-01	SMLCBS-8-19	0.500	12.7	1000

LOCKING CIRCUIT BOARD SUPPORTS

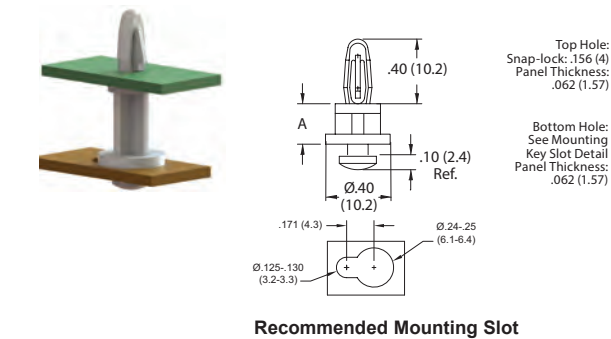
KSLSP/27KYP Series
Key Slot Locking Support Post



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural
- Features:
- Key Slot design allows for easy removal to facilitate repairs
 - Minimal .10" protrusion under chassis
 - Larger base on key slot side for easy identification of mounting end

Item No.	A		Bulk Pack Qty
	.156 Ø Hole	.187 Ø Hole	
KSLSP1-3-01		KSLSP2-3-01	0.188 4.8 1000
KSLSP1-4-01		KSLSP2-4-01	0.250 6.4 1000
KSLSP1-6-01		KSLSP2-6-01	0.375 9.5 1000
KSLSP1-8-01		KSLSP2-8-01	0.500 12.7 1000
KSLSP1-10-01		KSLSP2-10-01	0.625 15.9 1000
27KYP00750		—	0.750 19.1 500
27KYP00875		—	0.875 22.2 500
27KYP01000		—	1.000 25.4 500

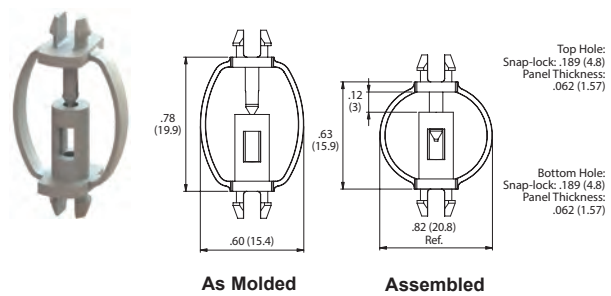
KSLBN Series
Key Slot Locking Bayonet Nose



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural
- Features:
- Key Slot design allows for easy removal to facilitate repairs
 - Minimal .10" protrusion under chassis
 - Larger base on key slot side for easy identification of mounting end

Item No.	A		Bulk Pack Qty
	in	mm	
KSLBN-2-01	0.125	3.2	1000
KSLBN-4-01	0.250	6.4	1000
KSLBN-6-01	0.375	9.5	1000
KSLBN-8-01	0.500	12.7	1000

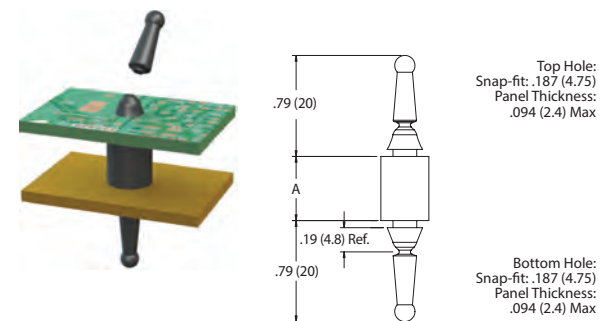
CBSP Series
PCB Spring Spacer



- Specifications:
- Material: UL94 HB Acetal
 - Color: Natural
- Features:
- When pin is inserted into spacer, part flexes and acts as a plastic spring
 - One piece design reduces the need for hardware
 - Provides continuous support to PCB
 - Keeps light sensors on the PCB in constant contact with touch control cover

Item No.	Bulk Pack Qty
CBSP-1	1000

CBSPM Series
Rubber Pull Mount Circuit Board Support

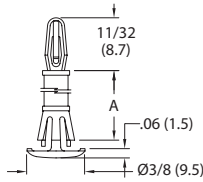


- Specifications:
- Material: EPDM, 45 Shore A
 - Color: Black
- Features:
- Rubber spacer provides shock and vibration protection
 - Pull mount ends are easily fed into panel holes and pulled into a locked position
 - Once installed, the ends are easily cut off leaving low profile mounting ends

Item No.	A		Bulk Pack Qty
	in	mm	
CBSPM-4	0.250	6.35	500
CBSPM-6	0.375	9.53	500
CBSPM-8	0.500	12.70	500
CBSPM-10	0.625	15.88	500
CBSPM-12	0.750	19.05	500

REVERSE MOUNT CIRCUIT BOARD SUPPORTS

RLCBSR Series Reverse Mount Locking PCB Support



Top Hole:
Snap-Lock:
.125 (3.2)
Panel Thickness:
.062 (1.6)

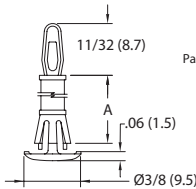
Bottom Hole:
Snap-Lock:
.187 (4.8)
Panel Thickness:
.059-.063 (1.5-1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSR-4-01	0.250	6.4	1000
RLCBSR-5-01	0.313	7.9	1000
RLCBSR-6-01	0.375	9.5	1000
RLCBSR-7-01	0.438	11.1	1000
RLCBSR-8-01	0.500	12.7	1000
RLCBSR-9-01	0.563	14.3	1000
RLCBSR-10-01	0.625	15.9	1000

RCBSR Series Reverse Mount Non-Locking PCB Support



Top Hole:
Snap-Lock:
.125 (3.2)
Panel Thickness: .062 (1.6)

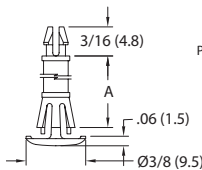
Bottom Hole:
Snap-Lock:
.187 (4.8)
Panel Thickness:
.059-.063 (1.5-1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
RCBSR-4-01	0.250	6.4	1000
RCBSR-5-01	0.313	7.9	1000
RCBSR-6-01	0.375	9.5	1000
RCBSR-7-01	0.438	11.1	1000
RCBSR-8-01	0.500	12.7	1000
RCBSR-9-01	0.563	14.3	1000
RCBSR-10-01	0.625	15.9	1000

RLCBSPR Series Reverse Mount Locking PCB Support



Top Hole:
Snap-Lock:
.125 (3.2)
Panel Thickness: .062 (1.6)

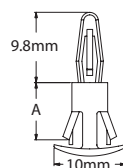
Bottom Hole:
Snap-Lock:
.187 (4.8)
Panel Thickness:
.059-.063 (1.5-1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSPR-4-01	0.250	6.4	1000
RLCBSPR-5-01	0.313	7.9	1000
RLCBSPR-6-01	0.375	9.5	1000
RLCBSPR-7-01	0.438	11.1	1000
RLCBSPR-8-01	0.500	12.7	1000
RLCBSPR-9-01	0.563	14.3	1000
RLCBSPR-10-01	0.625	15.9	1000

RLCBSC Series Reverse Mount Locking Metric PCB Support



Top Hole:
Snap-lock: 3.2mm
Panel Thickness: 1.6mm

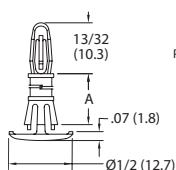
Bottom Hole:
Snap-lock: 5.4mm
Panel Thickness: 0.8mm

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSC-5-01	0.197	5.0	1000
RLCBSC-6-01	0.236	6.0	1000
RLCBSC-8-01	0.315	8.0	1000
RLCBSC-10-01	0.394	10.0	1000
RLCBSC-12-01	0.472	12.0	1000
RLCBSC-14-01	0.551	14.0	1000

RLCBSRE Series Reverse Mount Locking PCB Support



Top Hole:
Snap-Lock:
.157 (4.0)
Panel Thickness: .062 (1.6)

Bottom Hole:
Snap-Lock:
.213 (5.4)
Panel Thickness:
.059-.065 (1.5-1.7)

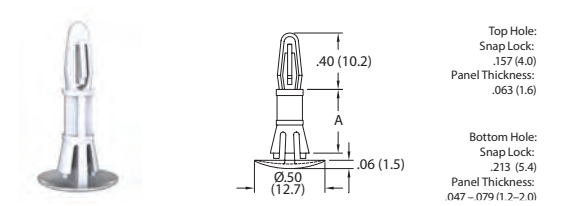
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSRE-3-01	0.188	4.8	1000
RLCBSRE-4-01	0.250	6.4	1000
RLCBSRE-6-01	0.375	9.5	1000
RLCBSRE-8-01	0.500	12.7	1000
RLCBSRE-10-01	0.625	15.9	1000

REVERSE MOUNT CIRCUIT BOARD SUPPORTS

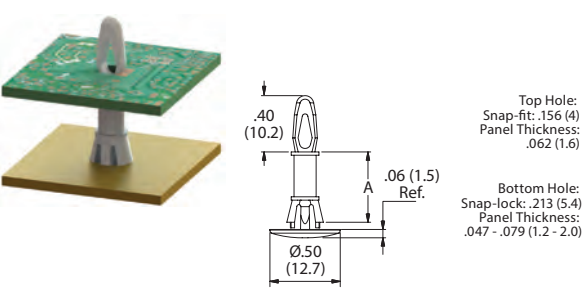
CRLCBSRE Series
Cupped Reverse Mount Locking PCB Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CRLCBSRE-4-01	0.250	6.4	1000
CRLCBSRE-6-01	0.375	9.5	1000
CRLCBSRE-8-01	0.500	12.7	1000
CRLCBSRE-10-01	0.625	15.9	1000

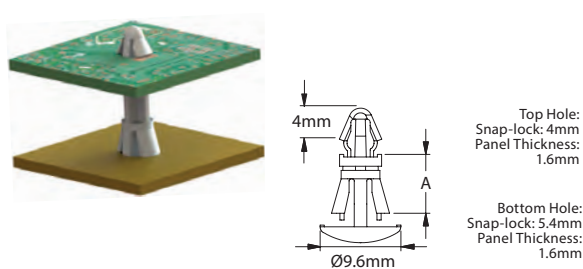
CRCBSRE Series
Cupped Reverse Mount Non-Locking PCB Support



- Specifications:
- UL94 V-2 Material: Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CRCBSRE-3-01	0.188	4.8	1000
CRCBSRE-4-01	0.250	6.4	1000
CRCBSRE-6-01	0.375	9.5	1000
CRCBSRE-8-01	0.500	12.7	1000
CRCBSRE-10-01	0.625	15.9	1000

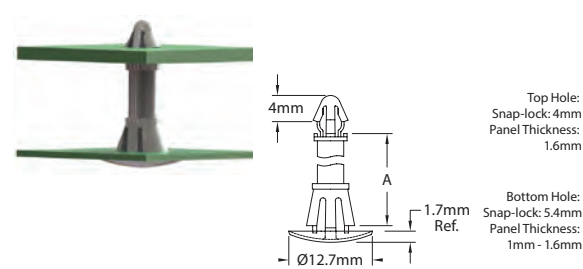
RLCBSK Series
Reverse Mount Locking Metric PCB Support



- Specifications:
- UL94 V-2 Material: Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSK-6-01	0.236	6.0	1000
RLCBSK-7-01	0.275	7.0	1000
RLCBSK-8-01	0.315	8.0	1000
RLCBSK-10-01	0.394	10.0	1000
RLCBSK-12-01	0.472	12.0	1000
RLCBSK-14-01	0.551	14.0	1000
RLCBSK-16-01	0.630	16.0	1000

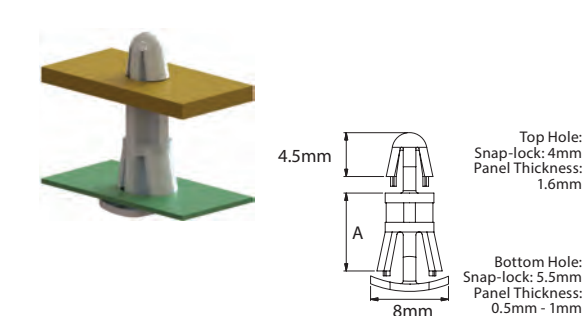
CRLCBSK Series
Cupped Reverse Locking Metric PCB Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CRLCBSK-2-8-01	0.295	7.5	1000
CRLCBSK-2-10-01	0.394	10.0	1000
CRLCBSK-2-12-01	0.472	12.0	1000
CRLCBSK-2-14-01	0.551	14.0	1000

RLCBSA Series
Reverse Mount Locking Metric PCB Support

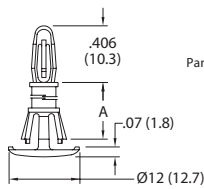


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSA-5-01	0.197	5.0	1000
RLCBSA-6-01	0.236	6.0	1000
RLCBSA-8-01	0.315	8.0	1000
RLCBSA-10-01	0.394	10.0	1000
RLCBSA-12-01	0.472	12.0	1000
RLCBSA-14-01	0.551	14.0	1000

REVERSE MOUNT & RIVET MOUNT CIRCUIT BOARD SUPPORTS

RLCBSR1 Series Reverse Mount Locking PCB Support



Top Hole:
Snap-Lock:
Panel Thickness:
.062 (1.6)

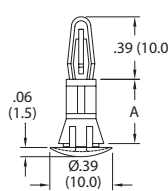
Bottom Hole:
Snap-Lock:
Panel Thickness:
.059-.063 (1.5-1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSR1-4-01	0.250	6.4	1000
RLCBSR1-6-01	0.375	9.5	1000
RLCBSR1-8-01	0.500	12.7	1000
RLCBSR1-10-01	0.625	15.9	1000

CRLCBSR Series Cupped Reverse Mount Locking PCB Support



Top Hole:
Snap Lock:
Panel Thickness:
.063 (1.6)

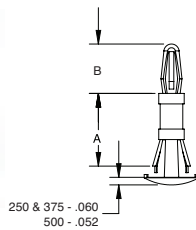
Bottom Hole:
Snap Lock:
Panel Thickness:
.031-.047 (0.8-1.2)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CRLCBSR-3-01	0.188	4.8	1000
CRLCBSR-4-01	0.250	6.4	1000
CRLCBSR-5-01	0.313	7.9	1000
CRLCBSR-6-01	0.375	9.5	1000
CRLCBSR-8-01	0.500	12.7	1000
CRLCBSR-12-01	0.750	19.1	1000

27RV Series Cupped Reverse Mount Locking PCB Support



Top Hole:
Snap-Lock:
Panel Thickness:
.059-.063 (1.5-1.6)

Bottom Hole:
Snap-Lock:
Panel Thickness:
.059-.063 (1.5-1.6)

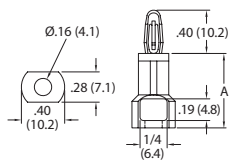
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: See Table

Item No.	A		B		Bulk Pack Qty
	in	mm	in	mm	
27RV00250	0.255	6.5	0.344	8.7	1000
27RV00375	0.375	9.5	0.344	8.7	1000
27RV00500A	0.500	12.7	0.340	8.6	1000



SRLCBS/SRLAHS Series Snap Rivet Mount Locking Support



Top Hole:
Snap-Lock:
Panel Thickness:
.062 (1.6)

Bottom Hole:
For Snap Rivet:
.161-.165 (4.1-4.2)
Panel Thickness:
See Rivet Table

Specifications:

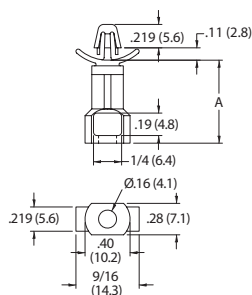
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Designed to mount easily on chassis with plastic SR rivet, see Rivet Table
- Allows mounting to a range of panel thicknesses, up to 0.341" thick
- Button head on rivet for minimal protrusion on chassis underside

Item No.	A		Bulk Pack Qty
	in	mm	
SRLCBS-6-01	0.375	9.5	1000
SRLCBS-7-01	0.438	11.1	1000
SRLCBS-8-01	0.500	12.7	1000
SRLCBS-10-01	0.625	15.9	1000
SRLCBS-12-01	0.750	19.1	1000
SRLCBS-14-01	0.875	22.2	1000
SRLCBS-16-01	1.000	25.4	1000

Item No.	A		Bulk Pack Qty
	in	mm	
SRLAHS-7-01	0.438	11.1	1000
SRLAHS-8-01	0.500	12.7	1000
SRLAHS-10-01	0.625	15.9	1000
SRLAHS-12-01	0.750	19.1	1000
SRLAHS-14-01	0.875	22.2	1000
SRLAHS-16-01	1.000	25.4	1000



Top Hole:
Snap-Lock:
Panel Thickness:
.031-.078 (0.8-2.0)

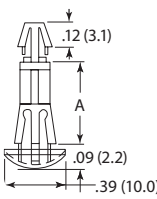
Bottom Hole:
For Snap Rivet:
.161-.165 (4.1-4.2)
Panel Thickness:
See Rivet Table

Use Rivet Item No.	Rivet Table	
	Panel Thickness Range	
	in	mm
SR-4050	0.026 - 0.062	0.7 - 1.6
SR-4060	0.062 - 0.105	1.5 - 2.7
SR-4070	0.105 - 0.145	2.7 - 3.7
SR-4080	0.145 - 0.184	3.7 - 4.7
SR-4090	0.184 - 0.223	4.7 - 5.7
SR-4100	0.223 - 0.263	5.7 - 6.7
SR-4120	0.282 - 0.341	7.2 - 8.7

REVERSE MOUNT & ADHESIVE MOUNT CIRCUIT BOARD SUPPORTS

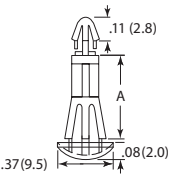
CBRLDS Series
Reverse Mount Locking PCB Support





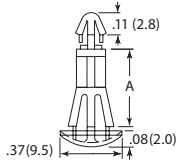
Snap Lock:
.157 (4.0)
Panel Thickness:
.047-.062 (1.2-1.7)

Snap Lock:
.216 (5.5)
Panel Thickness:
.031-.062 (0.8-1.6)



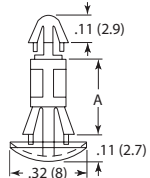
Top Hole:
Snap Lock:
.137 (3.5)
Panel Thickness:
.062 (1.6)

Bottom Hole:
Snap Lock:
.216 (5.5)
Panel Thickness:
.031-.062 (0.8-1.6)



Top Hole:
Snap Lock:
.118 (3.0)
Panel Thickness:
.047-.066 (1.2-1.7)

Bottom Hole:
Snap Lock:
.216 (5.5)
Panel Thickness:
.023-.047 (0.1-1.2)



Top Hole:
Snap Lock:
.118 (3.0)
Panel Thickness:
.062 (1.6)

Bottom Hole:
Snap Lock:
.157 (4.0)
Panel Thickness:
.031-.062 (0.8-1.6)

- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBRLDS005A	0.138	3.5	1000
CBRLDS010A	0.197	5.0	1000
CBRLDS015A	0.250	6.4	1000
CBRLDS020A	0.276	7.0	1000
CBRLDS025A	0.315	8.0	1000
CBRLDS030A	0.335	8.5	1000
CBRLDS035A	0.394	10.0	1000
CBRLDS040A	0.472	12.0	1000
CBRLDS045A	0.500	12.7	1000
CBRLDS050A	0.531	13.5	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBRLDS055A	0.551	14.0	1000
CBRLDS060A	0.598	15.2	1000
CBRLDS065A	0.625	15.9	1000
CBRLDS070A	0.709	18.0	1000
CBRLDS075A	0.748	19.0	1000
CBRLDS080A	1.787	20.0	1000
CBRLDS085A	1.854	21.7	1000
CBRLDS090A	1.945	24.0	1000
CBRLDS095A	1.000	25.4	1000
CBRLDS100A	1.181	30.0	500

Item No.	A		Bulk Pack Qty
	in	mm	
CBRLDS205A	0.138	3.5	1000
CBRLDS210A	0.187	4.8	1000
CBRLDS215A	0.250	6.4	1000
CBRLDS220A	0.276	7.0	1000
CBRLDS225A	0.315	8.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBRLDS230A	0.394	10.0	1000
CBRLDS235A	0.433	11.0	1000
CBRLDS240A	0.500	12.7	1000
CBRLDS245A	0.625	15.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBRLDS305A	0.138	3.5	1000
CBRLDS310A	0.188	4.8	1000
CBRLDS315A	0.250	6.4	1000
CBRLDS320A	0.276	7.0	1000
CBRLDS325A	0.315	8.0	1000

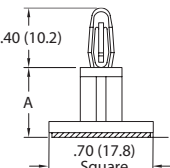
Item No.	A		Bulk Pack Qty
	in	mm	
CBRLDS330A	0.394	10.0	1000
CBRLDS335A	0.433	11.0	1000
CBRLDS340A	0.500	12.7	1000
CBRLDS345A	0.625	15.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBRLDS405A	0.098	2.5	2000
CBRLDS410A	0.125	3.2	2000
CBRLDS415A	0.157	4.0	2000
CBRLDS420A	0.197	5.0	2000
CBRLDS425A	0.236	6.0	2000
CBRLDS430A	0.276	7.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBRLDS435A	0.315	8.0	1000
CBRLDS440A	0.354	9.0	1000
CBRLDS445A	0.394	10.0	1000
CBRLDS450A	0.472	12.0	1000
CBRLDS455A	0.551	14.0	1000
CBRLDS460A	0.630	16.0	1000

LCBSB/27LAD Series
Adhesive Mount Locking PCB Support



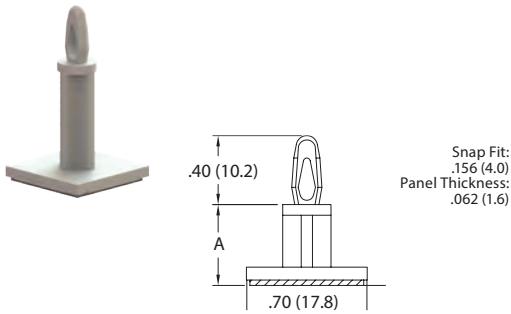


Snap Lock:
.156 (4.0)
Panel Thickness:
.062 (1.6)

- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
LCBSB-3-01A-RT	0.188	4.8	1000
LCBSB-4-01A-RT	0.250	6.4	1000
27LAD0312	0.312	7.9	500
LCBSB-6-01A-RT	0.375	9.5	1000
LCBSB-8-01A-RT	0.500	12.7	1000
LCBSB-9-01A-RT	0.563	14.3	1000
LCBSB-10-01A-RT	0.625	15.9	1000
LCBSB-12-01A-RT	0.750	19.1	1000
LCBSB-14-01A-RT	0.875	22.2	1000
LCBSB-16-01A-RT	1.000	25.4	1000
LCBSB-18-01A-RT	1.125	28.6	1000

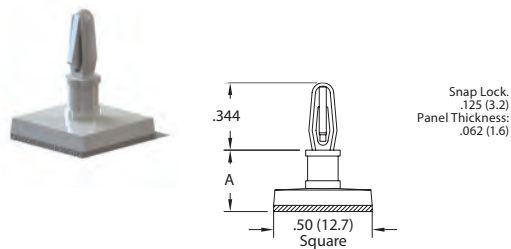
ADHESIVE MOUNT CIRCUIT BOARD SUPPORTS

CBSB Series
Adhesive Mount Non-Locking PCB Support


Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

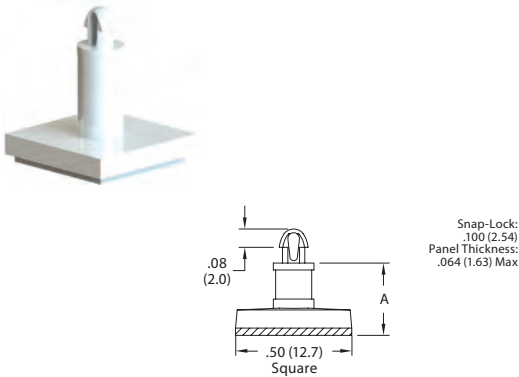
Item No.	A		Bulk Pack Qty
	in	mm	
CBSB-3-01A-RT	0.188	4.8	1000
CBSB-4-01A-RT	0.250	6.4	1000
CBSB-6-01A-RT	0.375	9.5	1000
CBSB-8-01A-RT	0.500	12.7	1000
CBSB-9-01A-RT	0.563	14.3	1000
CBSB-10-01A-RT	0.625	15.9	1000
CBSB-12-01A-RT	0.750	19.1	1000
CBSB-14-01A-RT	0.875	22.2	1000
CBSB-16-01A-RT	1.000	25.4	1000
CBSB-18-01A-RT	1.125	28.6	1000

LCBSBM Series
Adhesive Mount Mini Locking PCB Support


Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
LCBSBM-3-01A-RT	0.188	4.8	1000
LCBSBM-4-01A-RT	0.250	6.4	1000
LCBSBM-5-01A-RT	0.313	7.9	1000
LCBSBM-6-01A-RT	0.375	9.5	1000
LCBSBM-7-01A-RT	0.438	11.1	1000
LCBSBM-8-01A-RT	0.500	12.7	1000
LCBSBM-9-01A-RT	0.563	14.3	1000
LCBSBM-10-01A	0.625	15.9	1000

CBSBT/CBABS33 Series
Adhesive Mount Mini Locking PCB Support


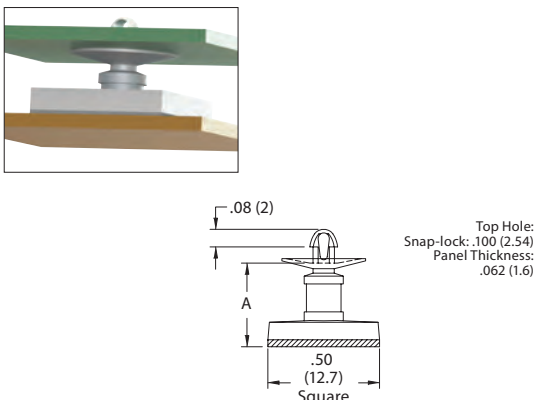
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Low protrusion above the PCB

Item No.	A		Bulk Pack Qty
	in	mm	
CBSBT-3-01A-RT	0.188	4.8	1000
CBSBT-4-01A-RT	0.250	6.4	1000
CBSBT-5-01A-RT	0.312	7.9	1000
CBSBT-6-01A-RT	0.375	9.5	1000
CBSBT-7-01A-RT	0.438	11.1	1000
CBSBT-8-01A-RT	0.500	12.7	1000
CBSBT-9-01A-RT	0.563	14.3	1000
CBSBT-10-01A-RT	0.625	15.9	1000
CBABS335A	0.750	19.1	1000

CCBSBT Series
Adhesive Mount Cupped PCB Support


Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

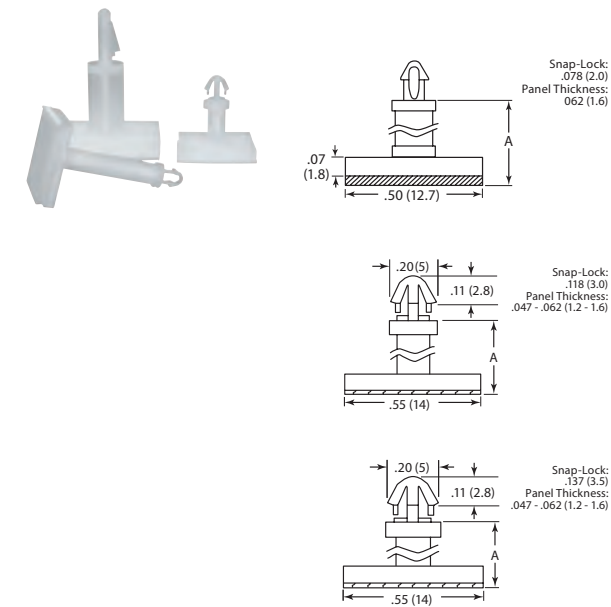
Features:

- Cupped base provides a tight fit to the board and completely covers the hole

Item No.	A		Bulk Pack Qty
	in	mm	
CCBSBT-4-01A-RT	0.250	6.4	1000
CCBSBT-5-01A-RT	0.312	7.9	1000
CCBSBT-6-01A-RT	0.375	9.5	1000
CCBSBT-7-01A-RT	0.438	11.1	1000
CCBSBT-8-01A-RT	0.500	12.7	1000
CCBSBT-9-01A-RT	0.563	14.3	1000
CCBSBT-10-01A	0.625	15.9	1000

ADHESIVE MOUNT & PUSH CIRCUIT BOARD SUPPORTS

CBABS Series
Adhesive Mount Locking PCB Support



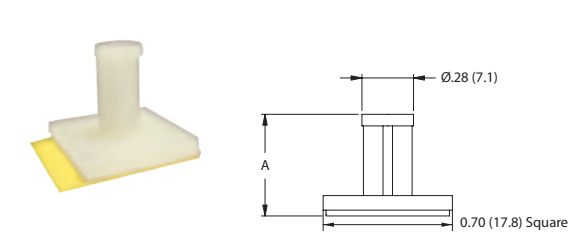
- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
CBABS405A	0.188	4.8	1000
CBABS410A	0.250	6.4	1000
CBABS415A	0.375	9.5	1000
CBABS420A	0.438	11.1	1000
CBABS425A	0.500	12.7	1000
CBABS430A	0.625	15.9	1000
CBABS435A	0.750	19.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBABS205A	0.138	3.5	1000
CBABS210A	0.188	4.8	1000
CBABS215A	0.250	6.4	1000
CBABS220A	0.315	8.0	1000
CBABS225A	0.394	10.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
CBABS105A	0.138	3.5	1000
CBABS110A	0.188	4.8	1000
CBABS115A	0.250	6.4	1000
CBABS120A	0.315	8.0	1000
CBABS125A	0.394	10.0	1000

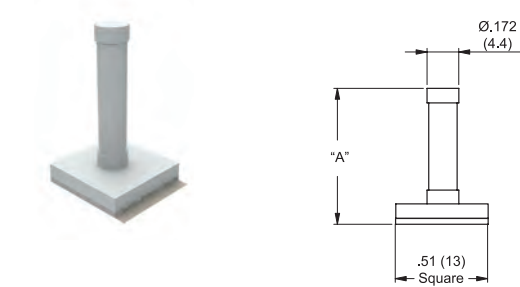
PSB Series
Adhesive Mount Push Spacer



- Specifications:
- Material: Nylon 6/6
 - Flame Class: See Table
 - Color: Natural

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
PSB-6M-01A2-RT	PSB-6M-19A2-RT	0.236	6.0	1000
PSB-8M-01A2-RT	PSB-8M-19A2-RT	0.314	8.0	1000
PSB-10M-01A2-RT	PSB-10M-19A2-RT	0.393	10.0	1000
PSB-12M-01A2-RT	PSB-12M-19A2-RT	0.472	12.0	1000
PSB-14M-01A2-RT	PSB-14M-19A2-RT	0.551	14.0	1000
PSB-16M-01A2-RT	PSB-16M-19A2-RT	0.629	16.0	1000

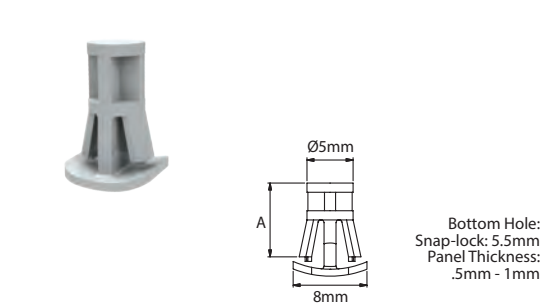
PSBM Series
Mini Adhesive Mount Push Spacer



- Specifications:
- Material: Nylon 6/6
 - Flame Class: See Table
 - Color: Natural

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
PSBM-3-01A-RT	PSBM-3-19A-RT	0.188	4.8	1000
PSBM-4-01A-RT	PSBM-4-19A-RT	0.250	6.4	1000
PSBM-5-01A-RT	PSBM-5-19A-RT	0.313	7.9	1000
PSBM-6-01A-RT	PSBM-6-19A-RT	0.375	9.5	1000
PSBM-7-01A-RT	PSBM-7-19A-RT	0.438	11.1	1000
PSBM-8-01A-RT	PSBM-8-19A-RT	0.500	12.7	1000
PSBM-9-01A-RT	PSBM-9-19A-RT	0.563	14.3	1000
PSBM-10-01A-RT	PSBM-10-19A-RT	0.625	15.9	1000
PSBM-12-01A-RT	PSBM-12-19A-RT	0.750	19.1	1000
PSBM-14-01A-RT	PSBM-14-19A-RT	0.875	22.2	1000

RLCBSB Series
Metric Reverse Mount Circuit Board Support Push Spacer



- Specifications:
- UL94 V-2 Material: Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

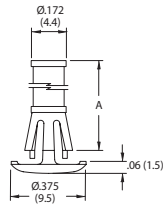
- Features:
- Mounts from the outside of the chassis

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSB-5-01	0.197	5.0	1000
RLCBSB-6-01	0.236	6.0	1000
RLCBSB-8-01	0.315	8.0	1000
RLCBSB-10-01	0.394	10.0	1000
RLCBSB-12-01	0.472	12.0	1000
RLCBSB-14-01	0.551	14.0	1000

PUSH SPACERS

RLCBSRS Series

Reverse Mount Locking PCB Support Push Spacer



Snap-lock:
.187 (4.75)
Panel Thickness:
.059 - .063 (1.5 - 1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

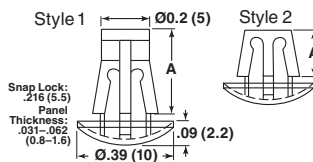
Features:

- Supports heavily loaded PC boards
- Minimal protrusion under the board
- Inserted from the outside the chassis

Item No.	A		Bulk Pack Qty
	in	mm	
RLCBSRS-4-01	0.250	6.4	1000
RLCBSRS-5-01	0.313	7.9	1000
RLCBSRS-6-01	0.375	9.5	1000
RLCBSRS-7-01	0.438	11.1	1000
RLCBSRS-8-01	0.500	12.7	1000
RLCBSRS-9-01	0.563	14.3	1000
RLCBSRS-10-01	0.625	15.9	1000

CBRLSS Series

Reverse Mount Locking PCB Support Push Spacer



Snap Lock:
.216 (5.5)
Panel Thickness:
.031-.062
(0.8-1.6)

Specifications:

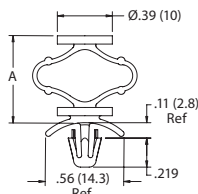
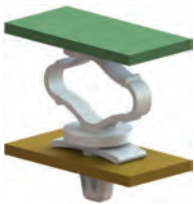
- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Item No.	A			Bulk Pack Qty
	in	mm	Style	
CBRLSS005A	0.138	3.5	2	1000
CBRLSS010A	0.197	5.0	2	1000
CBRLSS020A	0.276	7.0	1	1000
CBRLSS030A	0.335	8.5	1	1000
CBRLSS035A	0.394	10.0	1	1000
CBRLSS040A	0.472	12.0	1	1000
CBRLSS050A	0.531	13.5	1	1000
CBRLSS055A	0.551	14.0	1	1000

Item No.	A			Bulk Pack Qty
	in	mm	Style	
CBRLSS060A	0.598	15.2	1	1000
CBRLSS070A	0.709	18.0	1	1000
CBRLSS075A	0.750	19.1	1	1000
CBRLSS080A	0.787	20.0	1	1000
CBRLSS085A	0.854	21.7	1	500
CBRLSS090A	0.945	24.0	1	500
CBRLSS095A	1.000	25.4	1	500
CBRLSS100A	1.181	30.0	1	500

PSC Series

Push Spacer with Cushion



Snap-lock:
.187 (4.75)
Panel Thickness:
.031-.078 (0.8-2.0)

Specifications:

- Material: UL94 HB Impact Modified UV Stabilized Nylon 6/6
- Color: Natural

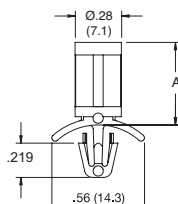
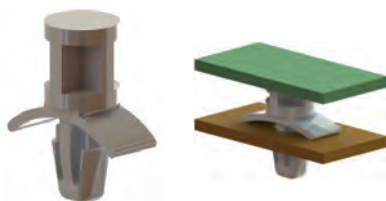
Features:

- Flexible spring spacer absorbs vibration and shock
- Mounts to chassis and supports the PC board

Item No.	A Spacer Length Uncompressed		Bulk Pack Qty
	in	mm	
PSC-1	0.375	9.5	1000
PSC-2	0.500	12.7	1000
PSC-3	0.625	15.9	1000
PSC-4	0.750	19.1	1000

PS/27PS/CBPS Series

Push Spacer



Snap Lock:
.187 (4.8)
Panel Thickness:
.031-.078 (0.8-2.0)*

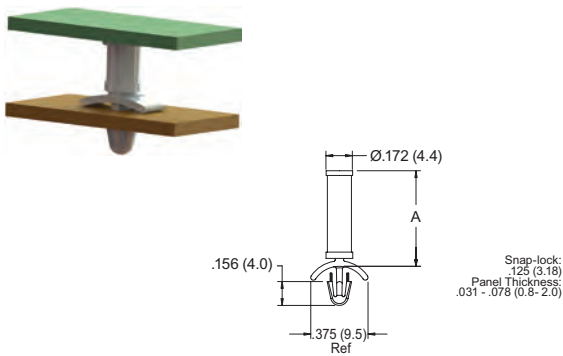
Specifications:

- Material: Nylon 6/6
- Flame Class: See Table
- Color: Natural

Item No.		A		Bulk Pack Qty
		in	mm	
UL94 V-2	UL94 V-0			
CBPS005A	—	0.138	3.5	1000
PS-3-01	PS-3-19	0.188	4.8	1000
CBPS015A	—	0.236	6.0	1000
PS-4-01	PS-4-19	0.250	6.4	1000
PS-6-01	PS-6-19	0.375	9.5	1000
PS-7-01	PS-7-19	0.438	11.1	1000
PS-8-01	PS-8-19	0.500	12.7	1000
PS-9-01	—	0.563	14.3	1000
PS-10-01	PS-10-19	0.625	15.9	1000
PS-12-01	PS-12-19	0.750	19.1	1000
PS-14-01	PS-14-19	0.875	22.2	1000
CBPS060A	—	0.945	24.0	1000
CBPS065A	—	1.000	25.4	1000
CBPS070A	—	1.125	28.6	500
27PS01250	—	1.250	31.8	500
CBPS080A	—	1.375	34.9	500

PUSH SPACERS

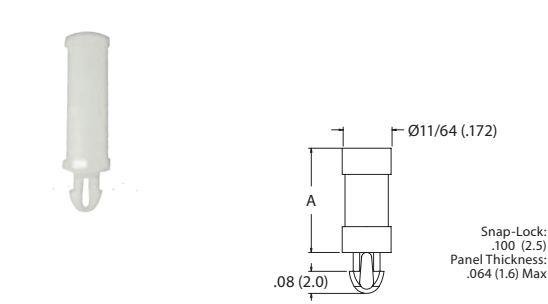
PSM Series
Mini Push Spacer



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
PSM-2-01	0.125	3.2	1000
PSM-3-01	0.188	4.8	1000
PSM-4-01	0.250	6.4	1000
PSM-5-01	0.313	7.9	1000
PSM-6-01	0.375	9.5	1000
PSM-7-01	0.438	11.1	1000
PSM-8-01	0.500	12.7	1000
PSM-9-01	0.563	14.3	1000
PSM-10-01	0.625	15.9	1000

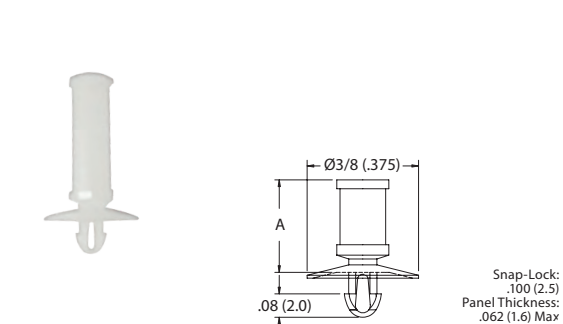
PST Series
Teardrop Push Spacer



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
PST-1-01	0.063	1.6	1000
PST-2-01	0.125	3.2	1000
PST-3-01	0.188	4.8	1000
PST-4-01	0.250	6.4	1000
PST-5-01	0.313	7.9	1000
PST-6-01	0.375	9.5	1000
PST-7-01	0.438	11.1	1000
PST-8-01	0.500	12.7	1000
PST-9-01	0.563	14.3	1000
PST-10-01	0.625	15.9	1000

CPST Series
Cupped Teardrop Push Spacer

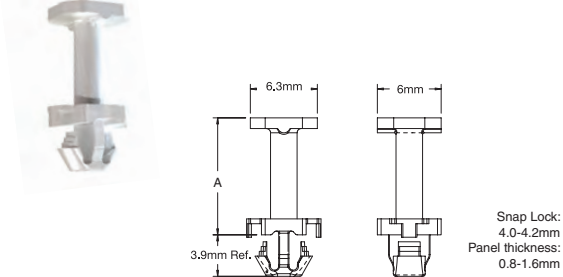


- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

- Features:
- Cupped base provides a tight fit to the board and completely covers the hole

Item No.	A		Bulk Pack Qty
	in	mm	
CPST-2-01	0.125	3.2	1000
CPST-3-01	0.188	4.8	1000
CPST-4-01	0.250	6.4	1000
CPST-5-01	0.313	7.9	1000
CPST-6-01	0.375	9.5	1000
CPST-7-01	0.438	11.1	1000
CPST-8-01	0.500	12.7	1000
CPST-9-01	0.563	14.3	1000
CPST-10-01	0.625	15.9	1000

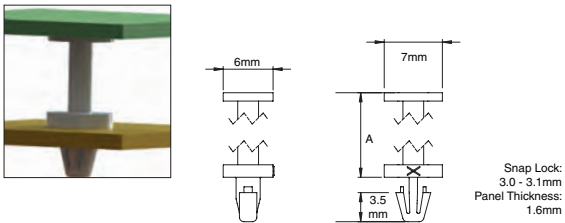
PSE Series
Metric Push Spacer



- Specifications:
- Material: Nylon 6/6
 - Flame Class: See Table
 - Color: Natural

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
PSE-4M-01	PSE-4M-19	0.157	4.0	1000
PSE-6M-01	PSE-6M-19	0.236	6.0	1000
PSE-7M-01	PSE-7M-19	0.276	7.0	1000
PSE-8M-01	PSE-8M-19	0.315	8.0	1000

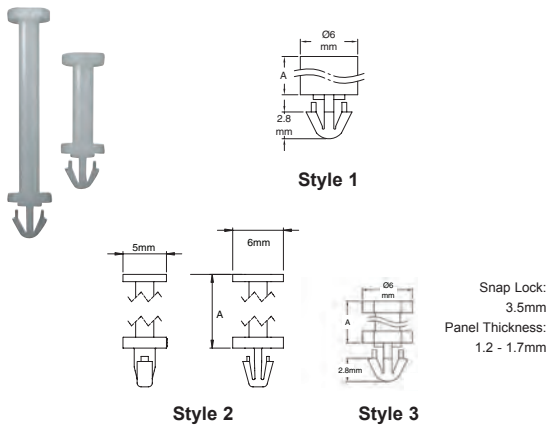
PUSH SPACERS

PSD Series
Metric Push Spacer

Specifications:

- Material: Nylon 6/6
- Flame Class: See table
- Color: Natural

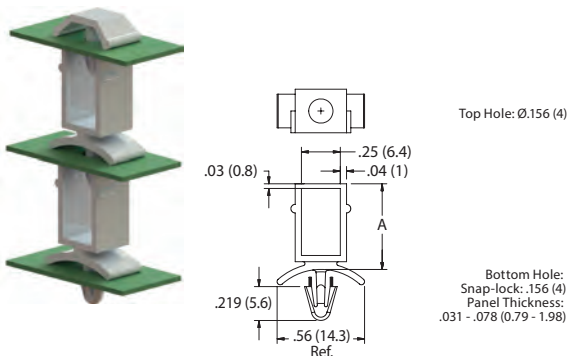
Item No.		A		Bulk Pack Qty
		in	mm	
UL94 V-2	UL94 V-0			
PSD-4M-01	PSD-4M-19	0.157	4.0	1000
PSD-6M-01	PSD-6M-19	0.236	6.0	1000
PSD-7M-01	PSD-7M-19	0.276	7.0	1000
PSD-8M-01	PSD-8M-19	0.315	8.0	1000
PSD-10M-01	PSD-10M-19	0.394	10.0	1000
PSD-12M-01	PSD-12M-19	0.472	12.0	1000
PSD-14M-01	PSD-14M-19	0.551	14.0	1000
PSD-18M-01	PSD-18M-19	0.709	18.0	1000

CBPSW Series
Push Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Item No.	A		Style	Bulk Pack Qty
	in	mm		
CBPSW005A	0.118	3.0	1	2000
CBPSW010A	0.138	3.5	1	2000
CBPSW015A	0.157	4.0	1	2000
CBPSW020A	0.177	4.5	2	2000
CBPSW025A	0.197	5.0	3	2000
CBPSW030A	0.217	5.5	2	2000
CBPSW035A	0.236	6.0	2	2000
CBPSW040A	0.256	6.5	2	2000
CBPSW045A	0.276	7.0	2	2000
CBPSW050A	0.531	13.5	2	2000
CBPSW055A	1.024	26.0	2	2000

CBSS Series
Circuit Board Stacking Spacer

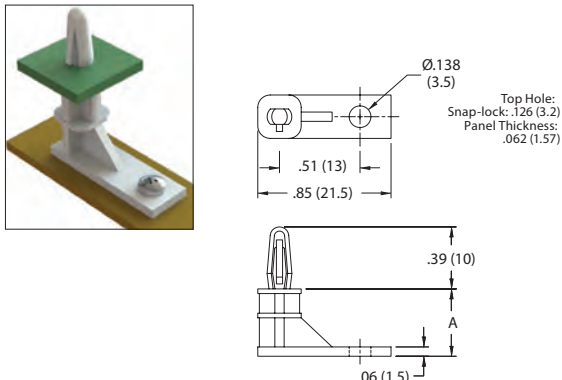
Specifications:

- Material: Nylon 6/6
- Flame Class: See table
- Color: Natural

Features:

- Spacers snap together to stack any number of boards
- MB-1-156 mounting button caps off the stack

Item No.		A		Bulk Pack Qty
		in	mm	
UL94 V-2	UL94 V-0			
CBSS-8-01	CBSS-8-19	0.43	10.9	1000
CBSS-10-01	CBSS-10-19	0.55	14.0	1000
CBSS-12-01	CBSS-12-19	0.68	17.3	1000
CBSS-14-01	CBSS-14-19	0.80	20.3	1000

LCBS-L Series
Screw Mount Locking Circuit Board Support

Specifications:

- Material: UL94 V-2 Nylon 6/6
- UL94 V-0 Available by special order
- Color: Natural

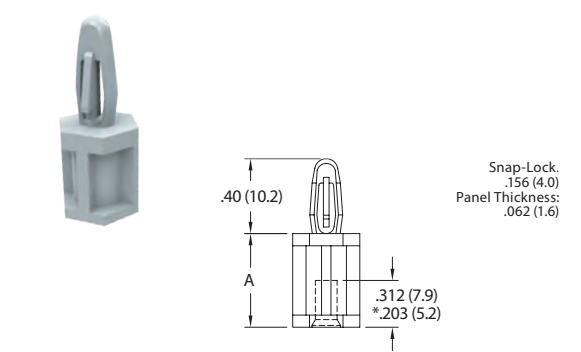
Features:

- Installs with #4 or M3 screw or rivet
- Offset style allows dense packaging

Item No.	A		Bulk Pack Qty
	in	mm	
LCBS-L-5-01	0.313	7.6	1000
LCBS-L-6-01	0.375	9.5	1000
LCBS-L-7-01	0.438	11.1	1000
LCBS-L-8-01	0.500	12.7	1000
LCBS-L-9-01	0.563	14.3	1000
LCBS-L-10-01	0.625	15.9	1000

SELF-TAPPING / THREADED CIRCUIT BOARD SUPPORTS

TCBS Series
Self-Tapping Locking PCB Support

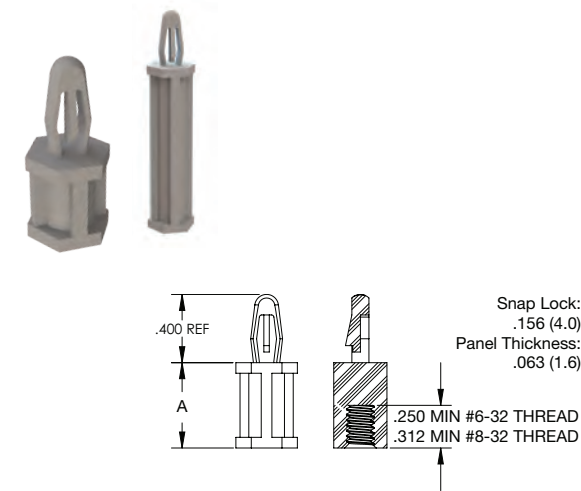


- Specifications:
- Material: Nylon 6/6
 - Flame Class: See table
 - Color: Natural

#6 or M3.5 Self Tapping Screw

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
TCBS-4-01*	TCBS-4-19*	0.250	6.4	1000
TCBS-6-01	TCBS-6-19	0.375	9.5	1000
TCBS-8-01	TCBS-8-19	0.500	12.7	1000
TCBS-10-01	TCBS-10-19	0.625	15.9	1000
TCBS-12-01	TCBS-12-19	0.750	19.1	1000
TCBS-14-01	TCBS-14-19	0.875	22.2	1000
TCBS-16-01	TCBS-16-19	1.000	25.4	1000
TCBS-18-01	TCBS-18-19	1.125	28.6	1000
TCBS-20-01	TCBS-20-19	1.250	31.8	1000
TCBS-22.5-01	TCBS-22.5-19	1.416	35.7	1000

27FTP Series
Female Threaded Locking PCB Support



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: See Table

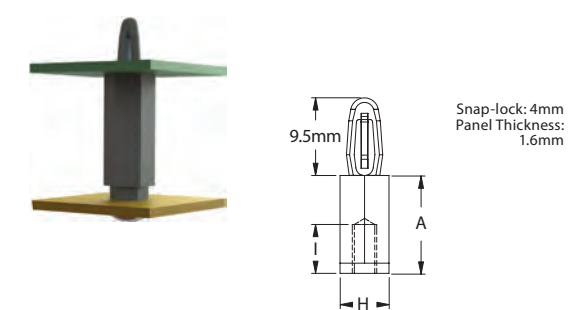
#6-32 Screw Size

Item No.		A		Bulk Pack Qty
Natural		in	mm	
27FTP00375A		0.375	9.53	1000
27FTP00500A		0.500	12.7	1000
27FTP00625A		0.625	15.88	500
27FTP00750A		0.750	19.05	1000
27FTP00875A		0.875	22.23	500
27FTP01000A		1.000	25.4	500
27FTP01125A		1.125	28.58	1000
27FTP01250A		1.250	31.75	1000
27FTP01406A		1.406	35.71	1000

#8-32 Screw Size

Item No.		A		Bulk Pack Qty
Natural	Black	in	mm	
27FTP00250	27FTP00250B	0.250	6.35	1000
27FTP00375	—	0.375	9.53	1000
27FTP00500	27FTP00500B	0.500	12.7	1000
27FTP00625	—	0.625	15.88	500
27FTP00750	—	0.750	19.05	1000
27FTP00875	—	0.875	22.23	500
27FTP01000	27FTP01000B	1.000	25.4	500
27FTP01125	—	1.125	28.58	1000
27FTP01250	—	1.250	31.75	1000
27FTP01406	27FTP01406B	1.406	35.71	1000

TCBN Series
Metric Female Threaded Locking PCB Support



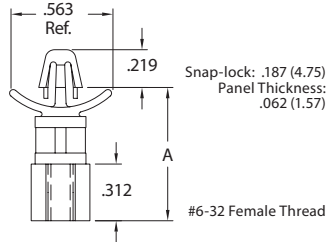
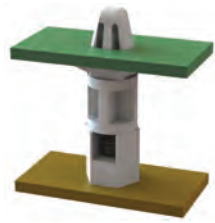
- Specifications:
- Material: UL94 HB Nylon 6/6
 - Color: Black

#M3 or M4 Screw Size

Item No.	Thread	A	H	I	Bulk Pack Qty
		mm	mm	mm	
TCBN-T1-M3-6-5	M3	5.0	6.0	3.0	500
TCBN-T1-M3-6-6	M3	6.0	6.0	4.0	500
TCBN-T1-M3-6-8	M3	8.0	6.0	6.0	500
TCBN-T1-M4-8-5	M4	5.0	8.0	3.0	500
TCBN-T1-M4-8-6	M4	6.0	8.0	4.0	500
TCBN-T1-M4-8-8	M4	8.0	8.0	6.0	500

THREADED CIRCUIT BOARD SUPPORTS

LCCBS-TF Series Female Threaded Locking PCB Support



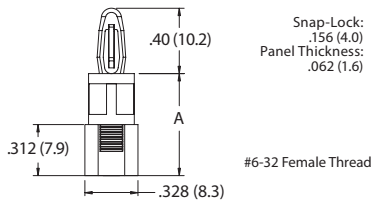
Specifications:

- Material: Nylon 6/6
- Flame Class: See table
- Color: Natural

#6 - 32 Screw Size

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
LCCBS-TF-9-01	LCCBS-TF-9-19	0.534	13.6	1000
LCCBS-TF-10-01	LCCBS-TF-10-19	0.672	17.1	1000
LCCBS-TF-12-01	LCCBS-TF-12-19	0.797	20.2	1000
LCCBS-TF-14-01	LCCBS-TF-14-19	0.922	23.4	1000
LCCBS-TF-16-01	LCCBS-TF-16-19	1.047	25.4	1000

LCBS-TF Series Female Threaded Locking PCB Support



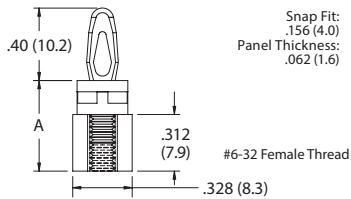
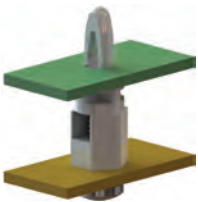
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

#6 - 32 Screw Size

Item No.		A		Bulk Pack Qty
		in	mm	
LCBS-TF-6-01		0.375	9.5	1000
LCBS-TF-8-01		0.500	12.7	1000
LCBS-TF-10-01		0.625	15.9	1000
LCBS-TF-12-01		0.750	19.1	1000
LCBS-TF-14-01		0.875	22.2	1000
LCBS-TF-16-01		1.000	25.4	1000

CBS-TF Series Female Threaded Non-Locking PCB Support



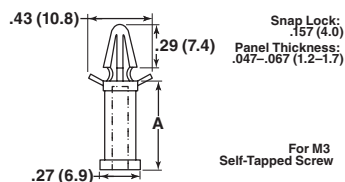
Specifications:

- Material: Nylon 6/6
- Flame Class: See table
- Color: Natural

#6 - 32 Screw Size

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
CBS-TF-6-01	CBS-TF-6-19	0.375	9.5	1000
CBS-TF-8-01	CBS-TF-8-19	0.500	12.7	1000
CBS-TF-10-01	CBS-TF-10-19	0.625	15.9	1000
CBS-TF-12-01	CBS-TF-12-19	0.750	19.1	1000
CBS-TF-14-01	CBS-TF-14-19	0.875	22.2	1000
CBS-TF-16-01	CBS-TF-16-19	1.000	25.4	1000

CBTFS Series Metric Self-Tapping Locking PCB Support



Specifications:

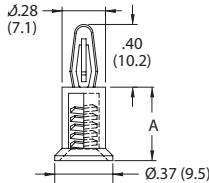
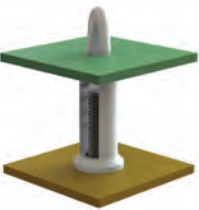
- Material: UL94 V-2 Nylon 6/6
- Color: Natural

M3 Self Tapping Screw

Item No.		A		Bulk Pack Qty
		in	mm	
CBTFS005A		0.197	5.0	1000
CBTFS010A		0.250	6.4	1000
CBTFS015A		0.276	7.0	1000
CBTFS020A		0.394	10.0	1000
CBTFS025A		0.591	15.0	1000
CBTFS030A		0.787	20.0	1000
CBTFS035A		0.984	25.0	1000
CBTFS040A		1.181	30.0	1000
CBTFS045A		1.378	35.0	1000

SCREW MOUNT & THREADED CIRCUIT BOARD SUPPORTS

SFCBS Series
Stud Fitting Locking PCB Support



Snap-Lock:
.156 (4.0)
Panel Thickness:
.062 (1.6)

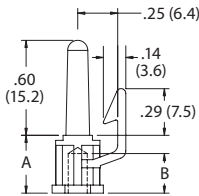
To fit a #8 (M4)
Screw or Stud

- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

#8 or M4 Screw Size

Item No.	A		Bulk Pack Qty
	in	mm	
SFCBS-M4-10M-01	0.390	9.9	1000
SFCBS-M4-12M-01	0.470	11.9	1000
SFCBS-M4-14M-01	0.550	14.0	1000
SFCBS-M4-16M-01	0.630	16.0	1000
SFCBS-M4-18M-01	0.710	18.0	1000
SFCBS-M4-20M-01	0.790	20.1	1000

TEHCBS Series
Edge Holding Self-Tapping Locking PCB Support



Snap Fit:
.156 (4.0)
Panel Thickness:
.062 (1.6)

For #6 (M3.5)
Self-Tapping
Screw

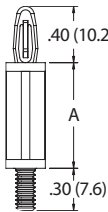
- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

#6 or M3.5 Self Tapping Screw

Item No.	A		B		Bulk Pack Qty
	in	mm	in	mm	
TEHCBS-4-01	0.250	6.4	0.25	6.4	1000
TEHCBS-5-01	0.313	7.9	0.20	5.1	1000
TEHCBS-6-01	0.375	9.5	0.25	6.4	1000
TEHCBS-8-01	0.500	12.7	0.25	6.4	1000

Item No.	A		B		Bulk Pack Qty
	in	mm	in	mm	
TEHCBS-10-01	0.625	15.9	0.25	6.4	1000
TEHCBS-12-01	0.750	19.1	0.25	6.4	1000
TEHCBS-14-01	0.875	22.2	0.25	6.4	1000
TEHCBS-16-01	1.000	25.4	0.25	6.4	1000

LCBS-TM Series
Male Threaded Locking PCB Support



Snap-Lock:
.156 (4.0)
Panel Thickness:
.062 (1.6)

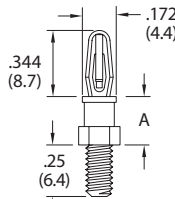
#6-32 Thread

- Specifications:
- Material: Nylon 6/6
 - Flame Class: See Table
 - Color: Natural

#6-32 Thread Size

Item No.	A		Bulk Pack Qty
	in	mm	
UL94 V-2			
LCBS-TM-4-01	0.250	6.4	1000
LCBS-TM-6-01	0.375	9.5	1000
LCBS-TM-8-01	0.500	12.7	1000
LCBS-TM-10-01	0.625	15.9	1000
LCBS-TM-12-01	0.750	19.1	1000
LCBS-TM-14-01	0.875	22.2	1000
LCBS-TM-16-01	1.000	25.4	1000

SCBSM Series
Mini Male Threaded Locking PCB Support



Snap-Lock:
.125 (3.2)
Panel Thickness:
.062 (1.6)

#6-32 Thread

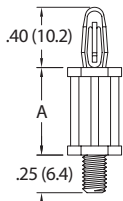
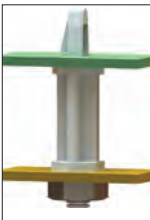
- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

#6-32 Thread Size

Item No.	A		Bulk Pack Qty
	in	mm	
SCBSM-632-2-01	0.125	3.2	1000
SCBSM-632-3-01	0.188	4.8	1000
SCBSM-632-4-01	0.250	6.4	1000
SCBSM-632-5-01	0.313	7.9	1000

Item No.	A		Bulk Pack Qty
	in	mm	
SCBSM-632-6-01	0.375	9.5	1000
SCBSM-632-7-01	0.438	11.1	1000
SCBSM-632-8-01	0.500	12.7	1000
SCBSM-632-9-01	0.563	14.3	1000
SCBSM-632-10-01	0.625	15.9	1000

SCBS/27LMTP Series
Male Threaded Locking PCB Support



Snap-Lock:
.156 (4.0)
Panel Thickness:
.062 (1.6)
27LMTP: .070 (1.8)

#8-32 Thread

- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
 - Color: Natural

#8-32 Thread Size

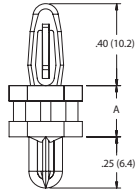
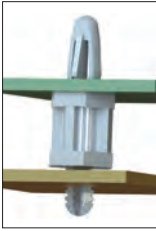
Item No.	A		Bulk Pack Qty
	in	mm	
SCBS-4-01	0.250	6.4	1000
SCBS-6-01	0.375	9.5	1000
SCBS-8-01	0.500	12.7	1000
SCBS-10-01	0.625	15.9	1000
SCBS-12-01	0.750	19.1	1000

Item No.	A		Bulk Pack Qty
	in	mm	
SCBS-14-01	0.875	22.2	1000
SCBS-16-01	1.000	25.4	1000
SCBS-18-01	1.125	28.6	1000
SCBS-22.5-01	1.406	35.7	1000
27LMTP01500	1.500	38.1	1000

THREADED CIRCUIT BOARD SUPPORTS

SCBSST Series

Male Self-Threading Locking PCB Support



Snap-lock:
.156 (4)
Panel Thickness:
.062 (1.57)

Self-Thread into a #8 or M4
Threaded Hole or Nut
Panel Thickness: .063 (1.6)
Minimum Engagement

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

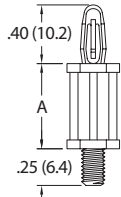
- The threaded hole acts as a die and threads the bottom end when screwed in
- Can be used in either a #8 or M4 threaded hole
- Easily installed by hand with minimal force

#8 or M4 Thread

Item No.	A		Bulk Pack Qty
	in	mm	
SCBSST-4-01	0.250	6.4	1000
SCBSST-6-01	0.375	9.5	1000
SCBSST-8-01	0.500	12.7	1000
SCBSST-10-01	0.625	15.9	1000
SCBSST-12-01	0.750	19.1	1000
SCBSST-14-01	0.875	22.2	1000
SCBSST-16-01	1.000	25.4	1000
SCBSST-18-01	1.125	28.6	1000
SCBSST-22.5-01	1.406	35.7	1000

MSCBS/CBTMS/27MLMTP Series

Male Threaded Locking PCB Support



Snap-Lock:
.156 (4.0)
Panel Thickness:
.062 (1.6)

M4 Thread

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: See Table

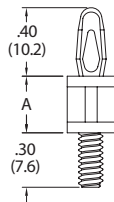
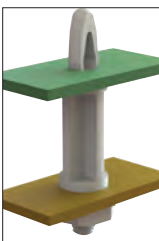


M4 Thread Size

Item No.		A		Bulk Pack
Natural	Black	in	mm	Qty
MSCBS-4-01	—	0.250	6.4	1000
MSCBS-6-01	—	0.375	9.5	1000
27MLMTP12	—	0.472	12.0	1000
MSCBS-8-01	—	0.500	12.7	1000
MSCBS-10-01	—	0.625	15.9	1000
MSCBS-12-01	—	0.750	19.1	1000
MSCBS-14-01	—	0.875	22.2	1000
CBTMS030A	—	0.937	23.8	1000
MSCBS-16-01	—	1.000	25.4	1000
MSCBS-18-01	—	1.125	28.6	1000
MSCBS-22.5-01	—	1.406	35.7	1000
27MLMTP45	27MLMTP45B	1.772	45.0	1000
27MLMTP50	27MLMTP50B	1.969	50.0	1000

CBS-TM Series

Male Threaded Non-Locking PCB Support



Snap-fit:
.156 (4)
Panel Thickness:
.062 (1.57)

#6-32 Thread

Specifications:

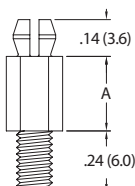
- Material: Nylon 6/6
- Flame Class: See table
- Color: Natural

#6-32 Thread Size

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
CBS-TM-4-01	CBS-TM-4-19	0.250	6.4	1000
CBS-TM-6-01	CBS-TM-6-19	0.375	9.5	1000
CBS-TM-8-01	CBS-TM-8-19	0.500	12.7	1000
CBS-TM-10-01	CBS-TM-10-19	0.625	15.9	1000
CBS-TM-12-01	CBS-TM-12-19	0.750	19.1	1000
CBS-TM-14-01	CBS-TM-14-19	0.875	22.2	1000
CBS-TM-16-01	CBS-TM-16-19	1.000	25.4	1000
CBS-TM-18-01	CBS-TM-18-19	1.125	28.6	1000
CBS-TM-20-01	CBS-TM-20-19	1.250	31.8	1000
CBS-TM-22-01	CBS-TM-22-19	1.375	34.9	1000
CBS-TM-24-01	CBS-TM-24-19	1.500	38.1	1000

27MTP/HMSP-TM Series

Male Threaded Non-Locking PCB Support



Snap-Fit:
.152 (3.9)
Panel Thickness:
.062 (1.6)

#6-32 Thread

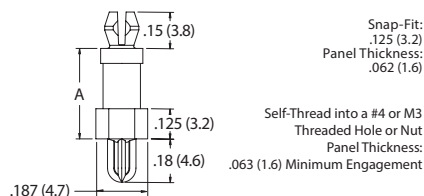
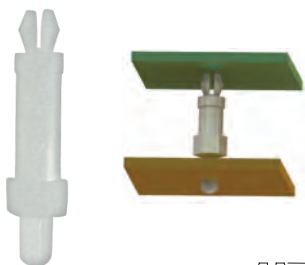
Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

#6-32 Thread Size

Item No.	A		Bulk Pack Qty
	in	mm	
HMSP-TM-2-01	0.125	3.1	1000
HMSP-TM-3-01	0.188	4.8	1000
HMSP-TM-4-01	0.250	6.4	1000
HMSP-TM-6-01	0.375	9.5	1000
27MTP00395	0.395	10.0	1000
HMSP-TM-8-01	0.500	12.7	1000
HMSP-TM-10-01	0.625	15.9	1000
HMSP-TM-12-01	0.750	19.1	1000
HMSP-TM-14-01	0.875	22.2	1000

Micro Self-Threading Non-Locking PCB Support



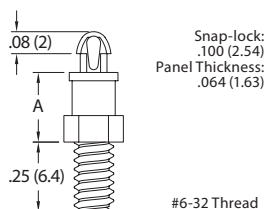
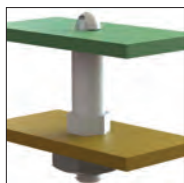
Self-Thread into a #4 or M3
Threaded Hole or Nut
Panel Thickness:
(1.6) Minimum Engagement

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

- The threaded hole acts as a die and threads the bottom end when screwed in
- Can be used in either a #4 or M3 threaded hole
- Easily Installed by hand with minimal force

Item No.	A		Bulk Pack Qty
	in	mm	
MSPMST-2-01	0.125	3.2	1000
MSPMST-3-01	0.188	4.8	1000
MSPMST-4-01	0.250	6.4	1000
MSPMST-5-01	0.313	7.9	1000
MSPMST-6-01	0.375	9.5	1000
MSPMST-7-01	0.438	11.1	1000
MSPMST-8-01	0.500	12.7	1000
MSPMST-9-01	0.563	14.3	1000
MSPMST-10-01	0.625	15.9	1000

Male Threaded Locking PCB Support

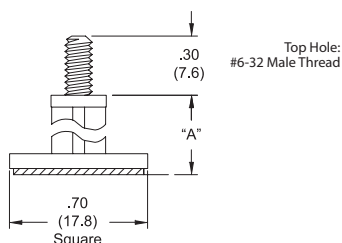
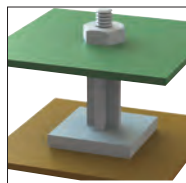


#6-32 Thread

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty	Item No.	A		Bulk Pack Qty
	in	mm			in	mm	
SCBST-2-01	0.125	3.2	1000	SCBST-7-01	0.438	11.1	1000
SCBST-3-01	0.188	4.8	1000	SCBST-8-01	0.500	12.7	1000
SCBST-4-01	0.250	6.4	1000	SCBST-9-01	0.563	14.3	1000
SCBST-5-01	0.313	7.9	1000	SCBST-10-01	0.625	15.9	1000
SCBST-6-01	0.375	9.5	1000				

Adhesive Mount Male Threaded PCB Support

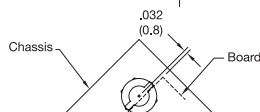
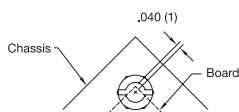
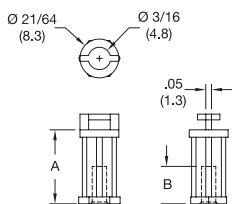
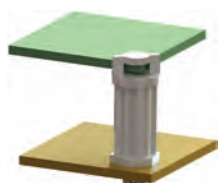


Top Hole:
#6-32 Male Thread

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Item No.	A		Bulk Pack Qty
	in	mm	
SCBSB-4-01A-RT	0.250	6.4	1000
SCBSB-6-01A-RT	0.375	9.5	1000
SCBSB-8-01A-RT	0.500	12.7	1000
SCBSB-10-01A-RT	0.625	15.9	1000
SCBSB-12-01A-RT	0.750	19.1	1000
SCBSB-14-01A-RT	0.875	22.2	1000
SCBSB-16-01A-RT	1.000	25.4	1000
SCBSB-18-01A-RT	1.125	28.6	1000

Screw Mount Corner Edge Holding PCB Support



Edge Mount

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order

Color: Natural

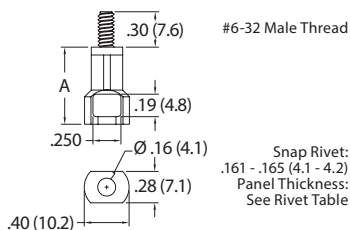
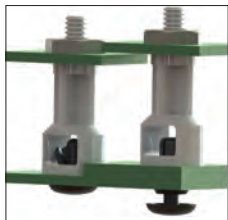
- Requires no slots or holes on board for maximum packaging density
- Can be mounted to the corner or the edge of the board
- Mounts with a metal #6 self-tapping screw
- Top panel thickness: 0.062 (1.6)

Item No.	A		B		Bulk Pack Qty
	in	mm	in	mm	
TCEHCBS-4-01	0.250	6.4	13/64	5.2	1000
TCEHCBS-6-01	0.375	9.5	5/16	7.9	1000
TCEHCBS-8-01	0.500	12.7	5/16	7.9	1000
TCEHCBS-10-01	0.625	15.9	5/16	7.9	1000
TCEHCBS-12-01	0.750	19.1	5/16	7.9	1000
TCEHCBS-14-01	0.875	22.2	5/16	7.9	1000

THREADED CIRCUIT BOARD SUPPORTS

SRSCBS Series

Snap Rivet Mount Threaded Male PCB Support



Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by special order
- Color: Natural

Features:

- Designed to mount easily on chassis with plastic SR rivet sold separately. See Rivet Table
- Allows mounting to a range of panel thicknesses; up to 0.341 thick
- Button head on rivet for minimal protrusion on chassis underside

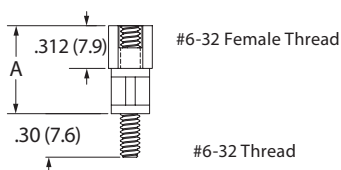
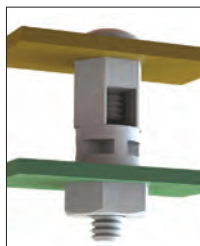
#6-32 Thread Size

Item No.	A		Bulk Pack Qty
	in	mm	
SRSCBS-6-01	0.375	9.5	1000
SRSCBS-7-01	0.438	11.1	1000
SRSCBS-8-01	0.500	12.7	1000
SRSCBS-10-01	0.625	15.9	1000
SRSCBS-12-01	0.750	19.1	1000
SRSCBS-14-01	0.875	22.2	1000
SRSCBS-16-01	1.000	25.4	1000

Use Rivet Item No.	Rivet Table For Chassis Thickness	
	in	mm
SR-4050	0.026 - 0.062	0.7 - 1.6
SR-4060	0.062 - 0.105	1.5 - 2.7
SR-4070	0.105 - 0.145	2.7 - 3.7
SR-4080	0.145 - 0.184	3.7 - 4.7
SR-4090	0.184 - 0.223	4.7 - 5.7
SR-4100	0.223 - 0.263	5.7 - 6.7
SR-4120	0.282 - 0.341	7.2 - 8.7

CBS-TFM Series

Threaded Female and Male PCB Support



Specifications:

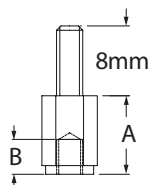
- Material: Nylon 6/6
- Flame Class: See table
- Color: Natural

#6-32 Thread Size

Item No.		A		Bulk Pack Qty
UL94 V-2	UL94 V-0	in	mm	
CBS-TFM-6-01	CBS-TFM-6-19	0.375	9.5	1000
CBS-TFM-8-01	CBS-TFM-8-19	0.500	12.7	1000
CBS-TFM-10-01	CBS-TFM-10-19	0.625	15.9	1000
CBS-TFM-12-01	CBS-TFM-12-19	0.750	19.1	1000
CBS-TFM-14-01	CBS-TFM-14-19	0.875	22.2	1000
CBS-TFM-16-01	CBS-TFM-16-19	1.000	25.4	1000

HTSN-2 Series

Metric Female Threaded Standoff



Specifications:

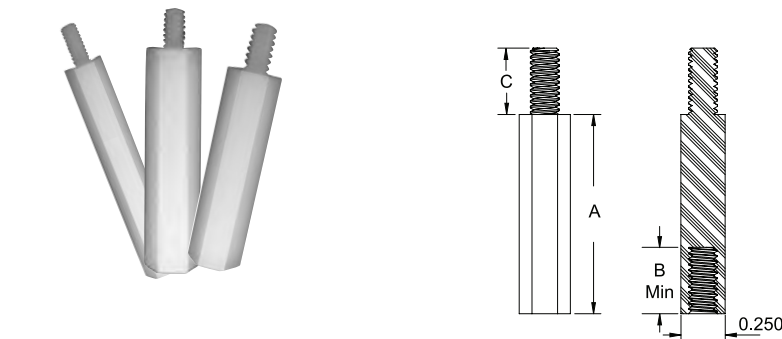
- Material: UL94 HB Heat Stabilized Nylon 6/6
- Color: Black

#M3 or M4 Thread Size

Item No.	Thread	A		B		Across Flats		Bulk Pack Qty
		in	mm	in	mm	in	mm	
HTSN-M3-6-2	M3	0.236	6.0	0.138	3.5	0.236	6.0	500
HTSN-M3-8-2	M3	0.315	8.0	0.197	5.0	0.236	6.0	500
HTSN-M3-10-2	M3	0.394	10.0	0.315	8.0	0.236	6.0	500
HTSN-M4-6-2	M4	0.236	6.0	0.138	3.5	0.315	8.0	500
HTSN-M4-8-2	M4	0.315	8.0	0.197	5.0	0.315	8.0	500
HTSN-M4-10-2	M4	0.394	10.0	0.315	8.0	0.315	8.0	500

MALE FEMALE THREADED STANDOFFS

36MF/MFTS/CBMFTS Series
Male Female Threaded Standoff



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: See Table

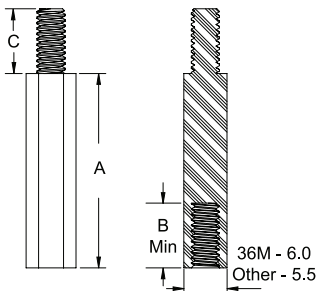
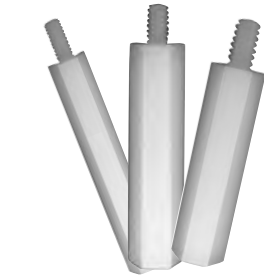
Item No.			A		B		C		Bulk Pack
Natural	Black	Thread	in	mm	in	mm	in	mm	Qty
36440MF025	36440MF025B	#4-40	0.250	6.4	0.188	4.8	0.188	4.8	1000
36440MF031	—	#4-40	0.313	7.9	0.188	4.8	0.188	4.8	1000
36440MF037	36440MF037B	#4-40	0.375	9.5	0.188	4.8	0.188	4.8	1000
36440MF050	36440MF050B	#4-40	0.500	12.7	0.188	4.8	0.188	4.8	1000
36440MF060	—	#4-40	0.600	15.2	0.188	4.8	0.188	4.8	1000
36440MF062	36440MF062B	#4-40	0.625	15.9	0.188	4.8	0.188	4.8	1000
36440MF075	36440MF075B	#4-40	0.750	19.1	0.188	4.8	0.188	4.8	1000
36440MF087	—	#4-40	0.875	22.2	0.188	4.8	0.188	4.8	500
36440MF100	36440MF100B	#4-40	1.000	25.4	0.188	4.8	0.188	4.8	500
36440MF112	36440MF112B	#4-40	1.125	28.6	0.188	4.8	0.188	4.8	1000
36440MF125	—	#4-40	1.250	31.8	0.188	4.8	0.188	4.8	500
36440MF137	—	#4-40	1.375	34.9	0.188	4.8	0.188	4.8	1000
36440MF150	36440MF150B	#4-40	1.500	38.1	0.188	4.8	0.188	4.8	1000
36440MF162	—	#4-40	1.625	41.3	0.188	4.8	0.188	4.8	1000
36440MF175	—	#4-40	1.750	44.5	0.188	4.8	0.188	4.8	500
36440MF200	36440MF200B	#4-40	2.000	50.8	0.188	4.8	0.188	4.8	1000
36632MF025	36632MF025B	#6-32	0.250	6.4	0.188	4.8	0.250	6.4	1000
36632MF026	—	#6-32	0.266	6.8	0.203	5.2	0.250	6.4	1000
MFTS6-5-48	—	#6-32	0.313	7.9	0.220	5.6	0.250	6.4	1000
36632MF037	36632MF037B	#6-32	0.375	9.5	0.250	6.4	0.250	6.4	1000
CBMFTS135A	—	#6-32	0.394	10.0	0.236	6.0	0.236	6.0	1000
MFTS6-7-48	—	#6-32	0.438	11.1	0.250	6.4	0.250	6.4	1000
36632MF050	36632MF050B	#6-32	0.500	12.7	0.250	6.4	0.250	6.4	500
36632MF056	36632MF056B	#6-32	0.563	14.3	0.250	6.4	0.250	6.4	1000
36632MF062	36632MF062B	#6-32	0.625	15.9	0.250	6.4	0.250	6.4	500
MFTS6-11-48	—	#6-32	0.688	17.5	0.250	6.4	0.250	6.4	1000
36632MF075	36632MF075B	#6-32	0.750	19.1	0.250	6.4	0.250	6.4	500
36632MF087	—	#6-32	0.875	22.2	0.250	6.4	0.250	6.4	500
36632MF093	—	#6-32	0.938	23.8	0.250	6.4	0.250	6.4	500
36632MF100	36632MF100B	#6-32	1.000	25.4	0.250	6.4	0.250	6.4	500
36632MF112	36632MF112B	#6-32	1.125	28.6	0.250	6.4	0.250	6.4	1000
36632MF125	36632MF125B	#6-32	1.250	31.8	0.250	6.4	0.250	6.4	500
36632MF131	—	#6-32	1.313	33.4	0.250	6.4	0.250	6.4	500
36632MF137	—	#6-32	1.375	34.9	0.250	6.4	0.250	6.4	1000
36632MF150	36632MF150B	#6-32	1.500	38.1	0.250	6.4	0.250	6.4	1000
36632MF162	36632MF162B	#6-32	1.625	41.3	0.250	6.4	0.250	6.4	500
36632MF175	—	#6-32	1.750	44.5	0.250	6.4	0.250	6.4	1000
36632MF200	36632MF200B	#6-32	2.000	50.8	0.250	6.4	0.250	6.4	1000
36832MF025	36832MF025B	#8-32	0.250	6.4	0.200	5.1	0.375	9.5	1000
36832MF037	—	#8-32	0.375	9.5	0.270	6.9	0.375	9.5	1000
36832MF050	36832MF050B	#8-32	0.500	12.7	0.375	9.5	0.375	9.5	500
36832MF062	—	#8-32	0.625	15.9	0.375	9.5	0.375	9.5	1000
36832MF075	36832MF075B	#8-32	0.750	19.1	0.375	9.5	0.375	9.5	500
36832MF086	—	#8-32	0.875	22.2	0.250	6.4	0.250	6.4	1000
36832MF087	36832MF087B	#8-32	0.875	22.2	0.375	9.5	0.375	9.5	500
36832MF100	36832MF100B	#8-32	1.000	25.4	0.375	9.5	0.375	9.5	500
36832MF112	36832MF112B	#8-32	1.125	28.6	0.375	9.5	0.375	9.5	1000
36832MF125	36832MF125B	#8-32	1.250	31.8	0.375	9.5	0.375	9.5	1000
36832MF137	—	#8-32	1.375	34.9	0.375	9.5	0.375	9.5	1000
36832MF150	36832MF150B	#8-32	1.500	38.1	0.375	9.5	0.375	9.5	1000
36832MF162	—	#8-32	1.625	41.3	0.375	9.5	0.375	9.5	1000
36832MF175	36832MF175B	#8-32	1.750	44.5	0.375	9.5	0.375	9.5	1000
36832MF200	36832MF200B	#8-32	2.000	50.8	0.375	9.5	0.375	9.5	1000

MALE FEMALE THREADED STANDOFFS

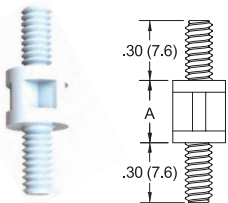
36MF/NTS/CBMFTS Series
Metric Male Female Threaded Standoff

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table



Item No.	Black	Thread	A		B		C		Bulk Pack Qty
			in	mm	in	mm	in	mm	
CBMFTS205A	—	M3 x 0.5	0.197	5.0	0.118	3.0	0.236	6.0	1000
36M30MF006	—	M3 x 0.5	0.236	6.0	0.157	4.0	0.187	4.8	1000
NTS-7	—	M3 x 0.5	0.276	7.0	0.240	6.0	0.250	6.4	1000
CBMFTS220A	—	M3 x 0.5	0.295	7.5	0.197	5.0	0.236	6.0	1000
36M30MF008	36M30MF008B	M3 x 0.5	0.315	8.0	0.187	4.8	0.187	4.8	1000
CBMFTS230A	—	M3 x 0.5	0.354	9.0	0.236	6.0	0.236	6.0	1000
36M30MF010	—	M3 x 0.5	0.394	10.0	0.187	4.8	0.187	4.8	1000
CBMFTS240A	—	M3 x 0.5	0.413	10.5	0.236	6.0	0.236	6.0	1000
36M30MF011	—	M3 x 0.5	0.433	11.0	0.187	4.8	0.187	4.8	1000
36M30MF012	—	M3 x 0.5	0.472	12.0	0.187	4.8	0.187	4.8	1000
NTS-12	—	M3 x 0.5	0.500	12.7	0.390	9.9	0.250	6.4	1000
36M30MF013	—	M3 x 0.5	0.512	13.0	0.187	4.8	0.187	4.8	1000
36M30MF014	—	M3 x 0.5	0.551	14.0	0.187	4.8	0.187	4.8	1000
CBMFTS270A	—	M3 x 0.5	0.590	15.0	0.236	6.0	0.236	6.0	1000
36M30MF016	—	M3 x 0.5	0.630	16.0	0.187	4.8	0.187	4.8	1000
CBMFTS280A	—	M3 x 0.5	0.650	16.5	0.236	6.0	0.236	6.0	1000
CBMFTS285A	—	M3 x 0.5	0.669	17.0	0.236	6.0	0.236	6.0	1000
NTS-17.5	—	M3 x 0.5	0.690	17.5	0.390	9.9	0.236	6.0	1000
CBMFTS290A	—	M3 x 0.5	0.709	18.0	0.236	6.0	0.236	6.0	1000
36M30MF019	—	M3 x 0.5	0.748	19.0	0.187	4.8	0.187	4.8	500
36M30MF020	—	M3 x 0.5	0.787	20.0	0.187	4.8	0.187	4.8	500
CBMFTS310A	—	M3 x 0.5	0.827	21.0	0.236	6.0	0.236	6.0	1000
36M30MF022	—	M3 x 0.5	0.866	22.0	0.187	4.8	0.187	4.8	1000
36M30MF025	—	M3 x 0.5	0.984	25.0	0.187	4.8	0.187	4.8	500
CBMFTS330A	—	M3 x 0.5	1.063	27.0	0.236	6.0	0.236	6.0	500
CBMFTS335A	—	M3 x 0.5	1.181	30.0	0.236	6.0	0.236	6.0	1000
CBMFTS340A	—	M3 x 0.5	1.299	33.0	0.236	6.0	0.236	6.0	1000
CBMFTS345A	—	M3 x 0.5	1.378	35.0	0.236	6.0	0.236	6.0	1000
36M35MF008	—	M3.5 x 0.6	0.315	8.0	0.236	6.0	0.250	6.4	1000
36M35MF010	—	M3.5 x 0.6	0.394	10.0	0.250	6.4	0.250	6.4	1000
36M35MF011	—	M3.5 x 0.6	0.433	11.0	0.250	6.4	0.250	6.4	1000
36M35MF012	—	M3.5 x 0.6	0.472	12.0	0.250	6.4	0.250	6.4	1000
36M35MF013	—	M3.5 x 0.6	0.512	13.0	0.250	6.4	0.250	6.4	1000
36M35MF014	—	M3.5 x 0.6	0.551	14.0	0.250	6.4	0.250	6.4	1000
36M35MF016	—	M3.5 x 0.6	0.630	16.0	0.250	6.4	0.250	6.4	1000
36M35MF019	—	M3.5 x 0.6	0.748	19.0	0.250	6.4	0.250	6.4	1000
36M35MF020	—	M3.5 x 0.6	0.787	20.0	0.250	6.4	0.250	6.4	1000
36M35MF022	—	M3.5 x 0.6	0.866	22.0	0.250	6.4	0.250	6.4	1000
36M35MF025	—	M3.5 x 0.6	0.984	25.0	0.250	6.4	0.250	6.4	1000
36M40MF010	—	M4 x 0.7	0.394	10.0	0.250	6.4	0.315	8.0	1000
36M40MF011	—	M4 x 0.7	0.433	11.0	0.375	9.5	0.354	9.0	1000
36M40MF012	—	M4 x 0.7	0.472	12.0	0.375	9.5	0.375	9.5	1000
36M40MF013	—	M4 x 0.7	0.512	13.0	0.375	9.5	0.375	9.5	1000
36M40MF014	—	M4 x 0.7	0.551	14.0	0.375	9.5	0.375	9.5	1000
36M40MF015	—	M4 x 0.7	0.590	15.0	0.375	9.5	0.375	9.5	1000
36M40MF016	—	M4 x 0.7	0.630	16.0	0.375	9.5	0.375	9.5	1000
36M40MF018	—	M4 x 0.7	0.709	18.0	0.375	9.5	0.375	9.5	1000
36M40MF019	—	M4 X 0.7	0.748	19.0	0.375	9.5	0.375	9.5	500
36M40MF020	—	M4 X 0.7	0.787	20.0	0.375	9.5	0.375	9.5	1000
36M40MF022	—	M4 X 0.7	0.866	22.0	0.375	9.5	0.375	9.5	500
36M40MF025	36M40MF025B	M4 X 0.7	0.984	25.0	0.375	9.5	0.375	9.5	1000
NTS-37	—	M4 X 0.7	1.160	37.7	0.345	8.0	0.220	5.6	200

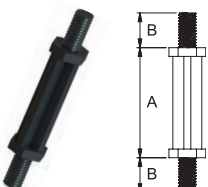
CBS-TMM Series
Male/Male Threaded Standoff

Specifications:

- Material: UL94 V-2 Nylon 6/6
- UL94 V-0 Available by special order
- Color: Natural

#6-32 Thread Size

Item No.	A		Bulk Pack Qty	Item No.	A		Bulk Pack Qty
	in	mm			in	mm	
CBS-TMM-2-01	0.125	3.2	1000	CBS-TMM-10-01	0.625	15.9	1000
CBS-TMM-4-01	0.250	6.4	1000	CBS-TMM-12-01	0.750	19.1	1000
CBS-TMM-6-01	0.375	9.5	1000	CBS-TMM-14-01	0.875	22.2	1000
CBS-TMM-8-01	0.500	12.7	1000	CBS-TMM-16-01	1.000	25.4	1000

HTSN-3 Series
Metric Male/Male Threaded Standoff

Specifications:

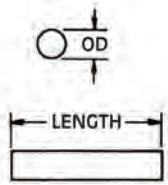
- Material: UL94 HB Heat Stabilized Nylon 6/6
- Color: Black

M3 or M4 Thread Size

Item No.	Thread	A		B		Across Flats		Bulk Pack Qty
		in	mm	in	mm	in	mm	
HTSN-M3-6-3	M3	0.236	6.0	0.236	6.0	0.236	6.0	500
HTSN-M3-8-3	M3	0.315	8.0	0.236	6.0	0.236	6.0	500
HTSN-M3-10-3	M3	0.394	10.0	0.236	6.0	0.236	6.0	500
HTSN-M4-6-3	M4	0.236	6.0	0.252	6.4	0.236	6.0	500
HTSN-M4-8-3	M4	0.315	8.0	0.252	6.4	0.240	6.1	500
HTSN-M4-10-3	M4	0.394	10.0	0.236	6.4	0.236	6.0	500

MOLDED PLASTIC DOWELS / INSULATING STANDOFFS

25D Series
Molded Plastic Dowels



Specifications:

- Material: Acetal
- Color: Natural

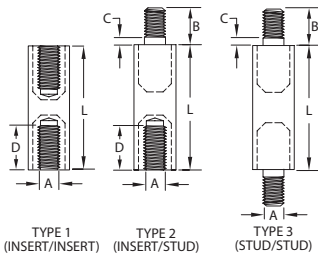
Features:

- Lightweight, naturally lubricated, and excellent dimensional stability
- Resists moisture, solvents, fuels and wear
- Uses include typical dowel pins, stop pins, insulating spacers, switch actuators, and keys

Item No.	Ø		Length	
	in	mm	in	mm
2500470125	0.047	1.2	0.125	3.2
2500470250	0.047	1.2	0.250	6.4
2500470375	0.047	1.2	0.375	9.5
2500470500	0.047	1.2	0.500	12.7
2500620125	0.062	1.6	0.125	3.2
2500620250	0.062	1.6	0.250	6.4
2500620375	0.062	1.6	0.375	9.5
2500620500	0.062	1.6	0.500	12.7
2500930125	0.093	2.4	0.125	3.2
2500930187	0.093	2.4	0.187	4.7
2500930250	0.093	2.4	0.250	6.4
2500930312	0.093	2.4	0.312	7.9
2500930375	0.093	2.4	0.375	9.5
2500930500	0.093	2.4	0.500	12.7
2501221125	0.122	3.1	1.125	28.6
2501250125	0.125	3.2	0.125	3.2
2501250187	0.125	3.2	0.187	4.7
2501250250	0.125	3.2	0.250	6.4
2501250312	0.125	3.2	0.312	7.9
2501250375	0.125	3.2	0.375	9.5
2501250500	0.125	3.2	0.500	12.7
2501870125	0.187	4.8	0.125	3.2

Item No.	Ø		Length	
	in	mm	in	mm
2501870250	0.187	4.8	0.250	6.4
2501870375	0.187	4.8	0.375	9.5
2501870500	0.187	4.8	0.500	12.7
2501870625	0.187	4.8	0.625	15.9
2501870750	0.187	4.8	0.750	19.1
2502100500	0.210	5.3	0.500	12.7
2502451250	0.245	6.2	1.125	28.6
2502500125	0.250	6.4	0.125	3.2
2502500239	0.250	6.4	0.239	6.1
2502500250	0.250	6.4	0.250	6.4
2502500375	0.250	6.4	0.375	9.5
2502500500	0.250	6.4	0.500	12.7
2502500750	0.250	6.4	0.750	19.1
2503120125	0.312	7.9	0.125	3.2
2503120250	0.312	7.9	0.250	6.4
2503120375	0.312	7.9	0.375	9.5
2503120500	0.312	7.9	0.500	12.7
2503120625	0.312	7.9	0.625	15.9
2503120750	0.312	7.9	0.750	19.1
2503750312	0.375	9.3	0.312	7.9
2504370250	0.437	11.1	0.250	6.4

TN Series
Low Voltage Insulating Standoffs



Thread Size	A	B	C	D
#6-32	0.250	0.250	0.063	0.172
#8-32	0.375	0.250	0.063	0.188
#10-24	0.500	0.281	0.094	0.188
1/4-20	0.625	0.875	0.125	0.328

Specifications:

- Spacer Material: UL94 V-2 Nylon 6/6
- Insert Material: Brass
- Color: Natural

Features:

- Voltage breakdown: >45,000 volts (>360 Volts/Mil) per ASTM-D-149-97A
- Lightweight insulation of nylon combined with the strength of the brass inserts

#6-32 Thread Size

Item No.			L		Bulk Pack Qty
Type 1	Type 2	Type 3	in	mm	
TN4-12-632-1	TN4-12-632-2	TN4-12-632-3	0.750	19.1	100
TN4-16-632-1	TN4-16-632-2	TN4-16-632-3	1.000	25.4	100
TN4-20-632-1	TN4-20-632-2	TN4-20-632-3	1.250	31.8	100

Item No.			L		Bulk Pack Qty
Type 1	Type 2	Type 3	in	mm	
TN4-24-632-1	TN4-24-632-2	TN4-24-632-3	1.500	38.1	100
TN4-28-632-1	TN4-28-632-2	TN4-28-632-3	1.750	44.5	100
TN4-32-632-1	TN4-32-632-2	TN4-32-632-3	2.000	50.8	100

#8-32 Thread Size

Item No.			L		Bulk Pack Qty
Type 1	Type 2	Type 3	in	mm	
TN6-16-832-1	TN6-16-832-2	TN6-16-832-3	1.000	25.4	100
TN6-20-832-1	TN6-20-832-2	TN6-20-832-3	1.250	31.8	100
TN6-24-832-1	TN6-24-832-2	TN6-24-832-3	1.500	38.1	100
TN6-40-832-1	TN6-40-832-2	TN6-40-832-3	2.500	63.5	100

Item No.			L		Bulk Pack Qty
Type 1	Type 2	Type 3	in	mm	
TN6-28-832-1	TN6-28-832-2	TN6-28-832-3	1.750	44.5	100
TN6-32-832-1	TN6-32-832-2	TN6-32-832-3	2.000	50.8	100
TN6-36-832-1	TN6-36-832-2	TN6-36-832-3	2.250	57.2	100

#10-24 Thread Size

Item No.			L		Bulk Pack Qty
Type 1	Type 2	Type 3	in	mm	
TN8-14-1024-1	TN8-14-1024-2	TN8-14-1024-3	0.875	22.2	100
TN8-20-1024-1	TN8-20-1024-2	TN8-20-1024-3	1.250	31.8	100
TN8-24-1024-1	TN8-24-1024-2	TN8-24-1024-3	1.500	38.1	100
TN8-28-1024-1	TN8-28-1024-2	TN8-28-1024-3	1.750	44.5	100

Item No.			L		Bulk Pack Qty
Type 1	Type 2	Type 3	in	mm	
TN8-32-1024-1	TN8-32-1024-2	TN8-32-1024-3	2.000	50.8	100
TN8-36-1024-1	TN8-36-1024-2	TN8-36-1024-3	2.250	57.2	100
TN8-40-1024-1	TN8-40-1024-2	TN8-40-1024-3	2.500	63.5	100

1/4-20 Thread Size

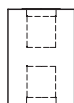
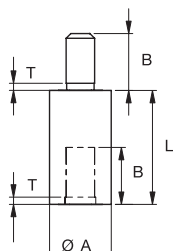
Item No.			L		Bulk Pack Qty
Type 1	Type 2	Type 3	in	mm	
TN10-20-1/420-1	TN10-20-1/420-2	TN10-20-1/420-3	1.250	31.8	100
TN10-24-1/420-1	TN10-24-1/420-2	TN10-24-1/420-3	1.500	38.1	100
TN10-28-1/420-1	TN10-28-1/420-2	TN10-28-1/420-3	1.750	44.5	100

Item No.			L		Bulk Pack Qty
Type 1	Type 2	Type 3	in	mm	
TN10-32-1/420-1	TN10-32-1/420-2	TN10-32-1/420-3	2.000	50.8	100
TN10-36-1/420-1	TN10-36-1/420-2	TN10-36-1/420-3	2.250	57.2	100
TN10-40-1/420-1	TN10-40-1/420-2	TN10-40-1/420-3	2.500	63.5	100

INSULATING STANDOFFS

TNM Series

Round Metric Low Voltage Insulating Standoffs

Style 1
(Insert/Insert)Style 2
(Insert/Stud)Style 3
(Stud/Stud)

Specifications:

- Spacer Material: UL94 V-2 Nylon 6/6
- Insert Material: Brass
- Color: Natural

Features:

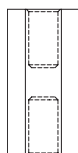
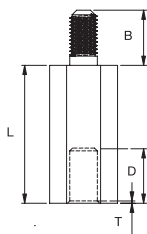
- Voltage Breakdown > 45,000 volts (>360 Volts/Mil) per ASTM-D-149-97A
- For use where high mechanical strength is required
- Provides sturdy, insulated spacing for high power electronic applications

Item No.	Thread	Style	L	A	B	T	Bulk Pack Qty
			mm	mm	mm	mm	
TNM2-6.5-14-1	M2	1	14.0	6.5	6.0	0.06	100
TNM2-6.5-14-2	M2	2	14.0	6.5	6.0	0.06	100
TNM2-6.5-14-3	M2	3	14.0	6.5	6.0	0.06	100
TNM2.5-6.5-10-1	M2.5	1	10.0	6.5	6.0	0.68	100
TNM2.5-6.5-10-2	M2.5	2	10.0	6.5	6.0	0.68	100
TNM2.5-6.5-10-3	M2.5	3	10.0	6.5	6.0	0.68	100
TNM3-6.5-10-1	M3	1	10.0	6.5	6.0	0.75	100
TNM3-6.5-10-2	M3	2	10.0	6.5	6.0	0.75	100
TNM3-6.5-10-3	M3	3	10.0	6.5	6.0	0.75	100
TNM3-6.5-13-1	M3	1	13.0	6.5	6.0	0.75	100
TNM3-6.5-13-2	M3	2	13.0	6.5	6.0	0.75	100
TNM3-6.5-13-3	M3	3	13.0	6.5	6.0	0.75	100
TNM3-8-14-1	M3	1	14.0	8.0	6.0	0.75	100
TNM3-8-14-2	M3	2	14.0	8.0	6.0	0.75	100
TNM3-8-14-3	M3	3	14.0	8.0	6.0	0.75	100

Item No.	Thread	Style	L	A	B	T	Bulk Pack Qty
			mm	mm	mm	mm	
TNM3-6.5-25-1	M3	1	25.0	6.5	6.0	0.75	100
TNM3-6.5-25-2	M3	2	25.0	6.5	6.0	0.75	100
TNM3-6.5-25-3	M3	3	25.0	6.5	6.0	0.75	100
TNM3-6.5-75-1	M3	1	75.0	6.5	6.0	0.75	100
TNM3-6.5-75-2	M3	2	75.0	6.5	6.0	0.75	100
TNM3-6.5-75-3	M3	3	75.0	6.5	6.0	0.75	100
TNM4-8-12.7-1	M4	1	12.7	8.0	6.0	1.05	100
TNM4-8-12.7-2	M4	2	12.7	8.0	6.0	1.05	100
TNM4-8-12.7-3	M4	3	12.7	8.0	6.0	1.05	100
TNM4-9.5-25-1	M4	1	25.0	9.5	10.0	1.05	100
TNM4-9.5-25-2	M4	2	25.0	9.5	10.0	1.05	100
TNM4-9.5-25-3	M4	3	25.0	9.5	10.0	1.05	100
TNM4-9.5-57-1	M4	1	57.0	9.5	10.0	1.05	100
TNM4-9.5-57-2	M4	2	57.0	9.5	10.0	1.05	100
TNM4-9.5-57-3	M4	3	57.0	9.5	10.0	1.05	100

HSM Series

Hex Metric Hex Low Voltage Insulating Standoffs

Style 1
(Insert/Insert)Style 2
(Insert/Stud)Style 3
(Stud/Stud)

Specifications:

- Spacer Material: UL94 V-2 Nylon 6/6
- Insert Material: Brass
- Color: Natural

Features:

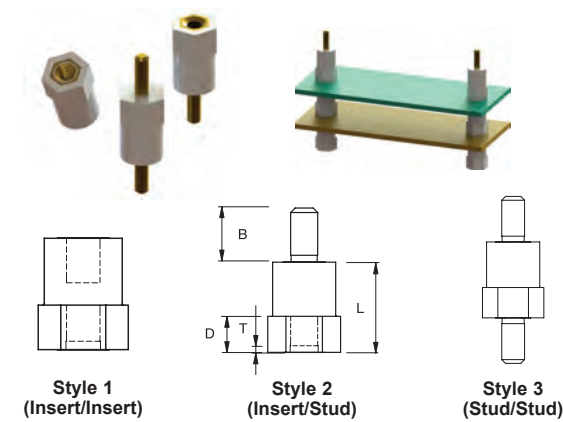
- Voltage Breakdown > 45,000 volts (>360 Volts/Mil) per ASTM-D-149-97A
- For use where high mechanical strength is required
- Provides sturdy, insulated spacing for high power electronic applications

Item No.	Thread	Style	L	Across Flats	B	D	T	Bulk Pack Qty
			mm	mm	mm	mm	mm	
HSM3-6.4-15-1	M3	1	15.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-15-2	M3	2	15.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-15-3	M3	3	15.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-20-1	M3	1	20.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-20-2	M3	2	20.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-20-3	M3	3	20.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-25-1	M3	1	25.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-25-2	M3	2	25.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-30-1	M3	1	30.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-30-2	M3	2	30.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-30-3	M3	3	30.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-32-1	M3	1	32.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-32-2	M3	2	32.0	6.4	6.0	6.0	0.75	100
HSM3-6.4-32-3	M3	3	32.0	6.4	6.0	6.0	0.75	100
HSM4-8-15-1	M4	1	15.0	8.0	6.0	6.0	1.05	100

Item No.	Thread	Style	L	Across Flats	B	D	T	Bulk Pack Qty
			mm	mm	mm	mm	mm	
HSM4-8-15-2	M4	2	15.0	8.0	6.0	6.0	1.05	100
HSM4-8-15-3	M4	3	15.0	8.0	6.0	6.0	1.05	100
HSM4-8-20-1	M4	1	20.0	8.0	6.0	6.0	1.05	100
HSM4-8-20-2	M4	2	20.0	8.0	6.0	6.0	1.05	100
HSM4-8-20-3	M4	3	20.0	8.0	6.0	6.0	1.05	100
HSM4-8-25-1	M4	1	25.0	8.0	6.0	6.0	1.05	100
HSM4-8-25-2	M4	2	25.0	8.0	6.0	6.0	1.05	100
HSM4-8-25-3	M4	3	25.0	8.0	6.0	6.0	1.05	100
HSM4-8-30-1	M4	1	30.0	8.0	6.0	6.0	1.05	100
HSM4-8-30-2	M4	2	30.0	8.0	6.0	6.0	1.05	100
HSM4-8-30-3	M4	3	30.0	8.0	6.0	6.0	1.05	100
HSM4-8-32-1	M4	1	32.0	8.0	6.0	6.0	1.05	100
HSM4-8-32-2	M4	2	32.0	8.0	6.0	6.0	1.05	100
HSM4-8-32-3	M4	3	32.0	8.0	6.0	6.0	1.05	100

INSULATING STANDOFFS / THREADED STANDOFFS

MTNSP Series
Hex Base Metric Low Voltage Insulating Standoffs



- Specifications:
- Spacer Material: UL94 HB Nylon 6
 - Insert Material: Brass, Nickel Plating
 - Color: Natural

- Features:
- Large hex base is good for gripping during installation and removal
 - Provides sturdy, insulated spacing for high power electronic applications

Item No.	Thread	Style	L	Across Flats		B	D	T	Bulk Pack Qty
				mm		mm	mm	mm	
MTNSP-M3-10-1	M3	1	10.0	7.0		6.0	4.0	0.75	100
MTNSP-M3-10-2	M3	2	10.0	7.0		6.0	4.0	0.75	100
MTNSP-M3-10-3	M3	3	10.0	7.0		6.0	4.0	0.75	100
MTNSP-M3-11-1	M3	1	11.0	7.0		6.0	4.0	0.75	100
MTNSP-M3-11-2	M3	2	11.0	7.0		6.0	4.0	0.75	100
MTNSP-M3-11-3	M3	3	11.0	7.0		6.0	4.0	0.75	100

14HTSP Series
Threaded Hex Standoffs



- Specifications:
- Material: UL94 V-2 Nylon
 - Color: See Table

- Features:
- Metric Threads are available by special order by adding M to the part number
 - #4-40 available in M3 Thread
 - #6-32 available in M3.5 Thread
 - #8-32 available in M4 Thread

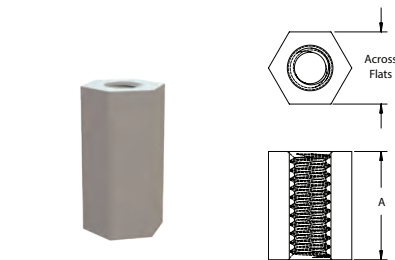


Item No.		Thread	A		Across Flats		Bulk Pack Qty
Natural	Black		in	mm	in	mm	
14HTSP027	14HTSP027B	#2-56	0.281	7.1	0.188	4.8	1000
14HTSP115	14HTSP115B	#2-56	0.313	7.9	0.188	4.8	1000
14HTSP114	14HTSP114B	#2-56	0.375	9.5	0.188	4.8	1000
14HTSP112	14HTSP112B	#2-56	0.438	11.1	0.188	4.8	1000
14HTSP113	14HTSP113B	#2-56	0.563	14.3	0.188	4.8	1000
14HTSP118	14HTSP118B	#2-56	0.688	17.5	0.188	4.8	1000
14HTSP101	14HTSP101B	#4-40	0.250	6.4	0.188	4.8	1000
14HTSP001	14HTSP001B	#4-40	0.250	6.4	0.250	6.4	1000
14HTSP022	14HTSP022B	#4-40	0.313	7.9	0.250	6.4	1000
14HTSP102	14HTSP102B	#4-40	0.375	9.5	0.188	4.8	1000
14HTSP002	14HTSP002B	#4-40	0.375	9.5	0.250	6.4	1000
14HTSP104	14HTSP104B	#4-40	0.438	11.1	0.188	4.8	1000
14HTSP029	14HTSP029B	#4-40	0.438	11.1	0.250	6.4	1000
14HTSP103	14HTSP103B	#4-40	0.500	12.7	0.188	4.8	1000
14HTSP003	14HTSP003B	#4-40	0.500	12.7	0.250	6.4	1000
14HTSP111	14HTSP111B	#4-40	0.563	14.3	0.188	4.8	1000
14HTSP024	14HTSP024B	#4-40	0.563	14.3	0.250	6.4	1000
14HTSP119	14HTSP119B	#4-40	0.625	15.9	0.188	4.8	1000
14HTSP019	14HTSP019B	#4-40	0.625	15.9	0.250	6.4	1000
14HTSP124	14HTSP124B	#4-40	0.750	19.1	0.188	4.8	1000
14HTSP004	14HTSP004B	#4-40	0.750	19.1	0.250	6.4	1000
14HTSP037	14HTSP037B	#4-40	0.826	21.0	0.250	6.4	1000
14HTSP116	14HTSP116B	#4-40	0.875	22.2	0.188	4.8	1000
14HTSP016	14HTSP016B	#4-40	0.875	22.2	0.250	6.4	1000
14HTSP005	14HTSP005B	#4-40	1.000	25.4	0.250	6.4	500
14HTSP039	14HTSP039B	#4-40	1.375	34.9	0.250	6.4	1000
14HTSP035	14HTSP035B	#6-32	0.188	4.8	0.250	6.4	1000
14HTSP006	14HTSP006B	#6-32	0.250	6.4	0.188	4.8	1000
14HTSP006	14HTSP006B	#6-32	0.250	6.4	0.250	6.4	1000
14HTSP029	14HTSP029B	#6-32	0.250	6.4	0.313	7.9	1000
14HTSP026	14HTSP026B	#6-32	0.313	7.9	0.250	6.4	1000
14HTSP107	14HTSP107B	#6-32	0.375	9.5	0.188	4.8	1000
14HTSP007	14HTSP007B	#6-32	0.375	9.5	0.250	6.4	1000

Item No.		Thread	A		Across Flats		Bulk Pack Qty
Natural	Black		in	mm	in	mm	
14HTSP040	14HTSP040B	#6-32	0.438	11.1	0.250	6.4	1000
14HTSP108	14HTSP108B	#6-32	0.500	12.7	0.188	4.8	1000
14HTSP008	14HTSP008B	#6-32	0.500	12.7	0.250	6.4	1000
14HTSP013	14HTSP013B	#8-32	0.500	12.7	0.250	6.4	1000
14HTSP208	14HTSP208B	#6-32	0.500	12.7	0.313	7.9	1000
14HTSP038	14HTSP038B	#6-32	0.563	14.3	0.250	6.4	1000
14HTSP120	14HTSP120B	#6-32	0.625	15.9	0.188	4.8	1000
14HTSP020	14HTSP020B	#6-32	0.625	15.9	0.250	6.4	1000
14HTSP109	14HTSP109B	#6-32	0.750	19.1	0.188	4.8	1000
14HTSP009	14HTSP009B	#6-32	0.750	19.1	0.250	6.4	1000
14HTSP210	14HTSP210B	#6-32	0.750	19.1	0.313	7.9	1000
14HTSP309	14HTSP309B	#6-32	0.750	19.1	0.375	9.5	1000
14HTSP017	14HTSP017B	#6-32	0.875	22.2	0.250	6.4	1000
14HTSP220	14HTSP220B	#6-32	0.875	22.1	0.313	7.9	500
14HTSP010	14HTSP010B	#6-32	1.000	25.4	0.250	6.4	1000
14HTSP225	14HTSP225B	#6-32	1.125	28.6	0.313	7.9	1000
14HTSP023	14HTSP023B	#6-32	1.250	31.8	0.250	6.4	500
14HTSP036	14HTSP036B	#6-32	1.500	38.1	0.250	6.4	1000
14HTSP500	14HTSP500B	#6-32	1.625	41.3	0.500	12.7	250
14HTSP011	14HTSP011B	#8-32	0.250	6.4	0.250	6.4	1000
14HTSP012	14HTSP012B	#8-32	0.375	9.5	0.250	6.4	1000
14HTSP013	14HTSP013B	#8-32	0.500	12.7	0.250	6.4	1000
14HTSP021	14HTSP021B	#8-32	0.625	15.9	0.250	6.4	1000
14HTSP041	14HTSP041B	#8-32	0.672	17.1	0.250	6.4	1000
14HTSP014	14HTSP014B	#8-32	0.750	19.1	0.250	6.4	1000
14HTSP018	14HTSP018B	#8-32	0.875	22.2	0.250	6.4	500
14HTSP015	14HTSP015B	#8-32	1.000	25.4	0.250	6.4	500
14HTSP042	14HTSP042B	#8-32	1.125	28.6	0.250	6.4	1000
14HTSP401	14HTSP401B	#10-32	0.500	12.7	0.375	9.5	1000
14HTSP207	14HTSP207B	1/4-20	0.219	5.6	0.313	7.9	1000
14HTSP400	14HTSP400B	1/4-20	0.500	12.7	0.375	9.5	500

- Note: 0.750" and longer, the tap is 0.375" minimum from each end and not continuous through
- Item No. Example: 14HTSP105 in a #6-32 Thread becomes 14MHTSP106 with a M3.5 Thread

14MMHTSP Series
Metric Threaded Hex Standoffs



- Specifications:
- Material: UL94 V-2 Nylon
 - Color: See Table

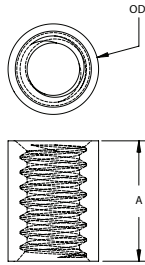
Item No.		Thread	A		Across Flats		Bulk Pack Qty
Natural	Black		mm		mm		
14MMHTSP004	14MMHTSP004B	M3	20.0		6.0		1000
14MMHTSP006	—	M4	6.0		6.0		1000
14MMHTSP008	—	M4	8.0		6.0		1000
14MMHTSP010	—	M4	10.0		6.0		1000
14MMHTSP012	—	M4	12.0		6.0		1000
14MMHTSP015	—	M4	15.0		6.0		1000
14MMHTSP018	—	M4	18.0		6.0		1000
14MMHTSP020	—	M4	20.0		6.0		1000
14MMHTSP025	—	M4	25.0		6.0		1000

Note: 20mm and longer, the tap is 9.5mm minimum from each end



THREADED AND SELF THREADING STANDOFFS

15TSP Series Threaded Round Standoffs



Specifications:

- Material: UL94 V-2 Nylon
- Color: See Table

Features:

- Metric Threads are available by special order by adding M to the part number
- #4-40 available in M3 Thread
- #6-32 available in M3.5 Thread
- #8-32 available in M4 Thread

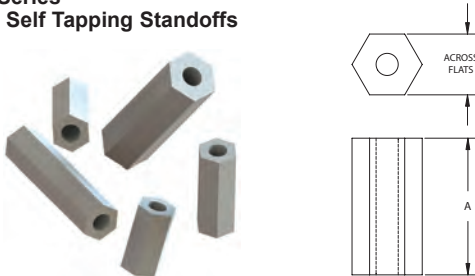


Item No		Thread	A		OD		Bulk Pack Qty
Natural	Black		in	mm	in	mm	
15TSP059	15TSP059B	#2-56	0.218	5.5	0.125	3.2	1000
15TSP057	15TSP057B	#2-56	0.250	6.4	0.250	6.4	1000
15TSP058	15TSP058B	#2-56	0.375	9.5	0.188	4.8	1000
15TSP055	15TSP055B	#2-56	0.438	11.1	0.188	4.8	1000
15TSP056	15TSP056B	#2-56	0.500	12.7	0.188	4.8	1000
15TSP099	15TSP099B	#4-40	0.156	4.0	0.188	4.8	1000
15TSP100	15TSP100B	#4-40	0.188	4.8	0.188	4.8	1000
15TSP101	15TSP101B	#4-40	0.250	6.4	0.188	4.8	1000
15TSP001	15TSP001B	#4-40	0.250	6.4	0.250	6.4	1000
15TSP106	15TSP106B	#4-40	0.266	6.8	0.188	4.8	1000
15TSP102	15TSP102B	#4-40	0.313	8.0	0.188	4.8	1000
15TSP050	15TSP050B	#4-40	0.313	8.0	0.250	6.4	1000
15TSP103	15TSP103B	#4-40	0.375	9.5	0.188	4.8	1000
15TSP002	15TSP002B	#4-40	0.375	9.5	0.250	6.4	1000
15TSP104	15TSP104B	#4-40	0.438	11.1	0.188	4.8	1000
15TSP105	15TSP105B	#4-40	0.500	12.7	0.188	4.8	1000
15TSP003	15TSP003B	#4-40	0.500	12.7	0.250	6.4	1000
15TSP107	15TSP107B	#4-40	0.625	15.9	0.188	4.8	1000
15TSP036	15TSP036B	#4-40	0.625	15.9	0.250	6.4	1000
15TSP109	15TSP109B	#4-40	0.750	19.1	0.188	4.8	1000
15TSP004	15TSP004B	#4-40	0.750	19.1	0.250	6.4	1000
15TSP111	15TSP111B	#4-40	0.875	22.2	0.188	4.8	1000
15TSP037	15TSP037B	#4-40	0.875	22.2	0.250	6.4	500
15TSP115	15TSP115B	#4-40	1.000	25.4	0.188	4.8	500
15TSP005	15TSP005B	#4-40	1.000	25.4	0.250	6.4	500
15TSP140	15TSP140B	#6-32	0.188	4.8	0.188	4.8	1000
15TSP141	15TSP141B	#6-32	0.250	6.4	0.188	4.8	1000
15TSP006	15TSP006B	#6-32	0.250	6.4	0.250	6.4	1000
15TSP142	15TSP142B	#6-32	0.313	7.9	0.188	4.8	1000
15TSP054	15TSP054B	#6-32	0.313	7.9	0.250	6.4	1000
15TSP143	15TSP143B	#6-32	0.375	9.5	0.188	4.8	1000
15TSP007	15TSP007B	#6-32	0.375	9.5	0.250	6.4	1000
15TSP144	15TSP144B	#6-32	0.438	11.1	0.188	4.8	1000
15TSP145	15TSP145B	#6-32	0.500	12.7	0.188	4.8	1000
15TSP008	15TSP008B	#6-32	0.500	12.7	0.250	6.4	1000
15TSP051	15TSP051B	#6-32	0.563	14.3	0.250	6.4	500
15TSP147	15TSP147B	#6-32	0.625	15.9	0.188	4.8	1000
15TSP038	15TSP038B	#6-32	0.625	15.9	0.250	6.4	500
15TSP149	15TSP149B	#6-32	0.750	19.1	0.188	4.8	1000
15TSP009	15TSP009B	#6-32	0.750	19.1	0.250	6.4	500
15TSP151	15TSP151B	#6-32	0.875	22.2	0.188	4.8	1000
15TSP039	15TSP039B	#6-32	0.875	22.2	0.250	6.4	500
15TSP155	15TSP155B	#6-32	1.000	25.4	0.188	4.8	1000

Note:

- 0.750" and longer, the tap is 0.375" minimum from each end and not continuous through
- Item No. Example: 15TSP006 in a #6-32 thread becomes 15TSP006 with a M3.5 Thread

HS Series Hex Self Tapping Standoffs



Specifications:

- Material: UL94 V-0 CPVC
- Color: Grey

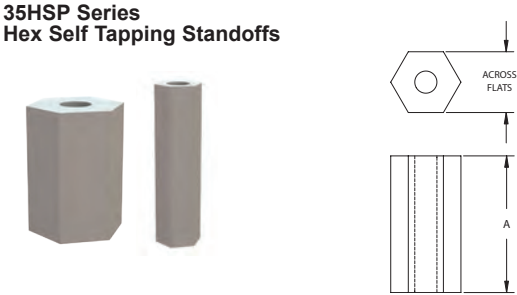
Features:

- Mounted with a metal self-tapping screw that threads the plastic

Item No.	Self Tapping Screw	A		ID		Across Flats		Bulk Pack Qty
		in	mm	in	mm	in	mm	
HS-4-3	#4	0.375	9.5	0.102	5.6	0.187	4.8	1000
HS-4-4	#4	0.500	12.7	0.102	5.6	0.187	4.8	1000
HS-4-6	#4	0.750	19.1	0.102	5.6	0.187	4.8	1000
HS-4-7	#4	0.875	22.2	0.102	5.6	0.187	4.8	1000
HS-4-8	#4	1.000	25.4	0.102	5.6	0.187	4.8	1000
HS-6-4	#6	0.500	12.7	0.110	2.8	0.250	6.4	1000
HS-6-5	#6	0.625	15.9	0.110	2.8	0.250	6.4	1000
HS-6-6	#6	0.750	19.1	0.110	2.8	0.250	6.4	1000
HS-6-7	#6	0.875	22.2	0.110	2.8	0.250	6.4	1000
HS-6-8	#6	1.000	25.4	0.110	2.8	0.250	6.4	1000
HS-6-10	#6	1.250	31.8	0.110	2.8	0.250	6.4	500
HS-6-12	#6	1.500	38.1	0.110	2.8	0.250	6.4	500
HS-6-14	#6	1.750	44.5	0.110	2.8	0.250	6.4	500
HS-8-8	#8	1.000	25.4	0.141	3.6	0.375	9.5	1000
HS-8-14	#8	1.750	44.5	0.141	3.6	0.375	9.5	500
HS-8-16	#8	2.000	50.8	0.141	3.6	0.375	9.5	500
HS-8-24	#8	3.000	76.2	0.141	3.6	0.375	9.5	500

SELF THREADING STANDOFFS

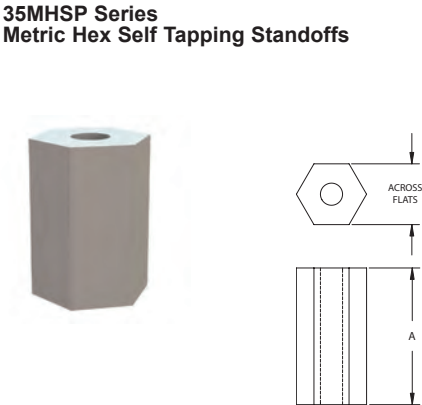
35HSP Series
Hex Self Tapping Standoffs



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: See Table
- Features:
- Self-threading; use with tapping screws designed for plastics
 - Will not rust, corrode or deteriorate

Item No.		Self Tapping Screw	A		ID		Across Flats		Bulk Pack Qty
Natural	Black		in	mm	in	mm	in	mm	
35HSP027	—	#2	0.281	7.1	0.072	1.8	0.189	4.8	1000
35HSP112	—	#2	0.438	11.1	0.072	1.8	0.188	4.8	1000
35HSP115	—	#2	0.313	8.0	0.072	1.8	0.188	4.8	1000
35HSP114	—	#2	0.375	9.5	0.072	1.8	0.188	4.8	1000
35HSP118	—	#2	0.688	17.5	0.072	1.8	0.188	4.8	1000
35HSP113	35HSP113B	#2	0.563	14.3	0.075	1.9	0.188	4.8	1000
35HSP101	—	#4	0.250	6.4	0.091	2.3	0.188	4.8	1000
35HSP102	—	#4	0.375	9.5	0.091	2.3	0.188	4.8	1000
35HSP124	35HSP124B	#4	0.750	19.1	0.091	2.3	0.188	4.8	1000
35HSP103	—	#4	0.500	12.7	0.091	2.3	0.188	4.8	1000
35HSP111	—	#4	0.563	14.3	0.091	2.3	0.188	4.8	1000
35HSP119	—	#4	0.625	15.9	0.091	2.3	0.188	4.8	1000
35HSP104	—	#4	0.438	11.1	0.091	2.3	0.188	4.8	1000
35HSP116	35HSP116B	#4	0.875	22.2	0.091	2.3	0.188	4.8	1000
35HSP001	—	#4	0.250	6.4	0.091	2.3	0.250	6.4	1000
35HSP022	—	#4	0.313	8.0	0.091	2.3	0.250	6.4	1000
35HSP029	—	#4	0.438	11.1	0.091	2.3	0.250	6.4	1000
35HSP003	—	#4	0.500	12.7	0.091	2.3	0.250	6.4	1000
35HSP024	—	#4	0.563	14.3	0.091	2.3	0.250	6.4	1000
35HSP019	—	#4	0.625	15.9	0.091	2.3	0.250	6.4	1000
35HSP004	—	#4	0.750	19.1	0.091	2.3	0.250	6.4	1000
35HSP016	35HSP016B	#4	0.875	22.2	0.091	2.3	0.250	6.4	1000
35HSP005	35HSP005B	#4	1.000	25.4	0.091	2.3	0.250	6.4	1000
35HSP039	—	#4	1.375	34.9	0.091	2.3	0.250	6.4	1000
35HSP002	—	#4	0.375	9.5	0.093	2.4	0.250	6.4	1000
35HSP037	—	#4	0.826	21.0	0.094	2.4	0.250	6.4	1000
35HSP026	—	#6	0.313	8.0	0.110	2.8	0.250	6.4	1000
35HSP309	35HSP309B	#6	0.750	19.1	0.110	2.8	0.375	9.5	1000
35HSP500	—	#6	1.625	41.3	0.110	2.8	0.500	12.7	1000
35HSP038	—	#6	0.563	14.3	0.111	2.8	0.250	6.4	1000
35HSP040	—	#6	0.438	11.1	0.111	2.8	0.250	6.4	1000
35HSP106	—	#6	0.250	6.4	0.115	2.9	0.188	4.8	1000
35HSP107	35HSP107B	#6	0.375	9.5	0.115	2.9	0.188	4.8	1000
35HSP108	—	#6	0.500	12.7	0.115	2.9	0.188	4.8	1000
35HSP120	—	#6	0.625	15.9	0.115	2.9	0.188	4.8	1000
35HSP109	—	#6	0.750	19.1	0.115	2.9	0.188	4.8	1000
35HSP209	—	#6	0.250	6.4	0.115	2.9	0.313	8.0	1000
35HSP035	—	#6	0.188	4.8	0.115	2.9	0.250	6.4	1000
35HSP006	—	#6	0.250	6.4	0.115	2.9	0.250	6.4	1000
35HSP007	—	#6	0.375	9.5	0.115	2.9	0.250	6.4	1000
35HSP008	—	#6	0.500	12.7	0.115	2.9	0.250	6.4	1000
35HSP020	—	#6	0.625	15.9	0.115	2.9	0.250	6.4	1000
35HSP009	—	#6	0.750	19.1	0.115	2.9	0.250	6.4	1000
35HSP017	—	#6	0.875	22.2	0.115	2.9	0.250	6.4	1000
35HSP010	—	#6	1.000	25.4	0.115	2.9	0.250	6.4	1000
35HSP023	—	#6	1.250	31.8	0.115	2.9	0.250	6.4	500
35HSP208	—	#6	0.500	12.7	0.115	2.9	0.313	8.0	1000
35HSP220	—	#6	0.875	22.2	0.115	2.9	0.313	8.0	1000
35HSP225	—	#6	1.125	28.6	0.115	2.9	0.313	8.0	1000
35HSP041	—	#8	0.672	17.1	0.134	3.4	0.250	6.4	1000
35HSP011	—	#8	0.250	6.4	0.140	3.6	0.250	6.4	1000
35HSP012	—	#8	0.375	9.5	0.140	3.6	0.250	6.4	1000
35HSP013	—	#8	0.500	12.7	0.140	3.6	0.250	6.4	1000
35HSP021	—	#8	0.625	15.9	0.140	3.6	0.250	6.4	1000
35HSP014	35HSP014B	#8	0.750	19.1	0.140	3.6	0.250	6.4	1000
35HSP018	—	#8	0.875	22.2	0.140	3.6	0.250	6.4	1000
35HSP015	—	#8	1.000	25.4	0.140	3.6	0.250	6.4	1000
35HSP042	—	#8	1.125	28.6	0.140	3.6	0.250	6.4	1000
35HSP401	—	#10	0.500	12.7	0.164	4.2	0.375	9.5	1000
35HSP400	—	1/4	0.500	12.7	0.196	5.0	0.375	9.5	1000
35HSP207	—	1/4	0.219	5.6	0.225	5.7	0.313	8.0	1000

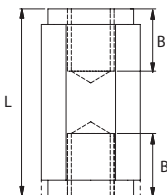
35MHSP Series
Metric Hex Self Tapping Standoffs



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural
- Features:
- Self-threading; use with tapping screws designed for plastics
 - Will not rust, corrode or deteriorate

Item No.	Self Tapping Screw	A	ID	Across Flats	Bulk Pack Qty
		mm	mm	mm	
35MHSP004	M3	2.0	2.6	6.0	1000
35MHSP006	M4	6.0	3.6	6.0	1000
35MHSP008	M4	8.0	3.6	6.0	1000
35MHSP010	M4	10.0	3.6	6.0	1000
35MHSP012	M4	12.0	3.6	6.0	1000
35MHSP015	M4	15.0	3.6	6.0	1000
35MHSP018	M4	18.0	3.6	6.0	1000
35MHSP020	M4	20.0	3.6	6.0	1000
35MHSP025	M4	25.0	3.6	6.0	1000

FEMALE / FEMALE STANDOFFS AND THROUGH SPACERS

HNSM-1 Series
Metric Hex Threaded Standoff

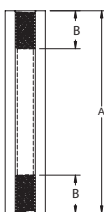
Specifications:

- Material: 25% Glass Filled Nylon 6
- Color: Black

Features:

- Internal threads mounted with an M3 or M4 screw

Item No.	Thread	L mm	Across Flats mm	B mm	Bulk Pack Qty
HNSM3-13-5.5-1	M3	13.0	5.5	10.0 Max	500
HNSM3-20-5.5-1	M3	20.0	5.5	10.0 Max	500
HNSM3-28-6-1	M3	28.0	6.0	10.0 Max	500
HNSM3-30-5.5-1	M3	30.0	5.5	10.0 Max	500

186XXX70409 Series
PEEK Hex Threaded Standoff

Specifications:

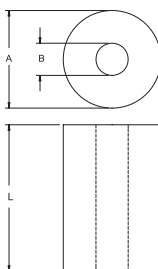
- Material: UL94 V-0 PEEK
- Color: Light Brown

Features:

- Heat Resistant up to 356° F
- Excellent mechanical strength and stiffness
- Excellent Resistance to alternating tensile and bending loads
- Visit essentracomponents.com for additional PEEK Fasteners

Item No.	Thread	A mm	Across Flats mm	B mm	Pack Qty
186304070409	M3	4.0	6.0	2.0	10
186305070409	M3	5.0	6.0	2.5	10
186306070409	M3	6.0	6.0	3.0	10
186308070409	M3	8.0	6.0	4.0	10
186301070409	M3	10.0	6.0	5.0	10
186301270409	M3	12.0	6.0	6.0	10
186301570409	M3	15.0	6.0	7.5	10
186301870409	M3	18.0	6.0	9.0	10
186302070409	M3	20.0	6.0	10.0	10
186302570409	M3	25.0	6.0	10.0	10
186303070409	M3	30.0	6.0	10.0	10
186405070409	M4	5.0	7.0	2.5	10
186406070409	M4	6.0	7.0	3.0	10
186408070409	M4	8.0	7.0	4.0	10
186401070409	M4	10.0	7.0	5.0	10
186401270409	M4	12.0	7.0	6.0	10

Item No.	Thread	A mm	Across Flats mm	B mm	Pack Qty
186401570409	M4	15.0	7.0	7.5	10
186401870409	M4	18.0	7.0	9.0	10
186402070409	M4	20.0	7.0	10.0	10
186402570409	M4	25.0	7.0	10.0	10
186403070409	M4	30.0	7.0	10.0	10
186403570409	M4	35.0	7.0	10.0	10
186506070409	M5	6.0	8.0	3.0	10
186508070409	M5	8.0	8.0	4.0	10
186501070409	M5	10.0	8.0	5.0	10
186501270409	M5	12.0	8.0	6.0	10
186501570409	M5	15.0	8.0	7.5	10
186501870409	M5	18.0	8.0	9.0	10
186502070409	M5	20.0	8.0	10.0	10
186502570409	M5	25.0	8.0	10.0	10
186503070409	M5	30.0	8.0	10.0	10
186503570409	M5	35.0	8.0	10.0	10
186504070409	M5	40.0	8.0	10.0	10

NS Series
NAS5527 Nylon Spacer

Specifications:

- Material: UL94 V-2 Heat Stabilized Nylon 6/6
- Color: Natural

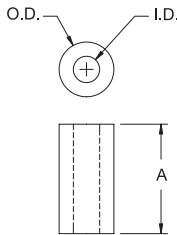
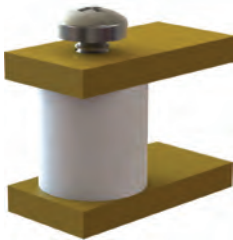
Features:

- Meets NAS5527 specifications

Item No.	NAS Item No.	L		ØA		ØB		Bulk Pack Qty
		in	mm	in	mm	in	mm	
NS-03-07	NAS5527-03-07	0.142	3.6	0.472	12.0	0.197	5.0	1000
NS-05-01	NAS5527-05-01	0.158	4.0	0.500	12.7	0.268	6.8	1000
NS-03-04	NAS5527-03-04	0.190	4.8	0.472	12.0	0.197	5.0	1000
NS-07-01	NAS5527-07-01	0.197	5.0	0.630	16.0	0.276	7.0	1000
NS-03-03	NAS5527-03-03	0.250	6.4	0.472	12.0	0.197	5.0	1000
NS-03-05	NAS5527-03-05	0.312	7.9	0.472	12.0	0.197	5.0	1000
NS-04-02	NAS5527-04-02	0.312	7.9	0.472	12.0	0.260	6.6	1000
NS-03-06	NAS5527-03-06	0.375	9.5	0.472	12.0	0.197	5.0	1000
NS-03-16	NAS5527-03-16	0.453	11.5	0.472	12.0	0.197	5.0	1000
NS-03-01	NAS5527-03-01	0.500	12.7	0.472	12.0	0.197	5.0	1000
NS-04-01	NAS5527-04-01	0.500	12.7	0.472	12.0	0.260	6.6	1000
NS-03-14	NAS5527-03-14	0.551	14.0	0.472	12.0	0.197	5.0	1000
NS-03-02	NAS5527-03-02	0.598	15.2	0.472	12.0	0.197	5.0	1000
NS-03-15	NAS5527-03-15	0.669	17.0	0.472	12.0	0.197	5.0	1000
NS-03-12	NAS5527-03-12	0.748	19.0	0.472	12.0	0.197	5.0	1000
NS-03-08	NAS5527-03-08	0.787	20.0	0.472	12.0	0.197	5.0	1000
NS-03-13	NAS5527-03-13	0.827	21.0	0.472	12.0	0.197	5.0	1000
NS-03-09	NAS5527-03-09	0.886	22.5	0.472	12.0	0.197	5.0	1000
NS-03-11	NAS5527-03-11	0.925	23.5	0.472	12.0	0.197	5.0	1000
NS-06-01	NAS5527-06-01	0.984	25.0	0.630	16.0	0.205	5.2	1000
NS-06-02	NAS5527-06-02	1.180	30.0	0.630	16.0	0.205	5.2	1000
NS-08-01	NAS5527-08-01	1.180	30.0	0.787	20.0	0.260	6.6	1000
NS-03-10	NAS5527-03-10	1.830	46.5	0.472	12.0	0.197	5.0	1000

THROUGH SPACERS

SS Series
Round CPVC Spacer

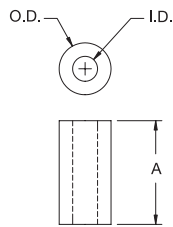


- Specifications:
- Material: UL94 V-0 0CPVC
 - Color: Light Grey
- Features:
- Through-hole allows mounting with several different screw options
 - No water absorption

Item No.	For Screw		A		ID		OD		Bulk Pack Qty
	Imperial	Metric	in	mm	in	mm	in	mm	
SS4-2	#4	M2.5	0.250	6.4	0.120	3.0	0.250	6.4	1000
SS4-3	#4	M2.5	0.375	9.5	0.120	3.0	0.250	6.4	1000
SS4-4	#4	M2.5	0.500	12.7	0.120	3.0	0.250	6.4	1000
SS4-5	#4	M2.5	0.625	15.9	0.120	3.0	0.250	6.4	1000
SS4-6	#4	M2.5	0.750	19.1	0.120	3.0	0.250	6.4	1000
SS4-8	#4	M2.5	1.000	25.4	0.120	3.0	0.250	6.4	1000
SS4-10	#4	M2.5	1.250	31.8	0.120	3.0	0.250	6.4	500
SS4-12	#4	M2.5	1.500	38.1	0.120	3.0	0.250	6.4	500
SS6-2	#6	M3	0.250	6.4	0.147	3.7	0.250	6.4	1000
SS6-3	#6	M3	0.375	9.5	0.147	3.7	0.250	6.4	1000
SS6-4	#6	M3	0.500	12.7	0.147	3.7	0.250	6.4	1000
SS6-5	#6	M3	0.625	15.9	0.147	3.7	0.250	6.4	1000
SS6-6	#6	M3	0.750	19.1	0.147	3.7	0.250	6.4	1000
SS6-8	#6	M3	1.000	25.4	0.147	3.7	0.250	6.4	1000
SS6-10	#6	M3	1.250	31.8	0.147	3.7	0.250	6.4	500
SS6-12	#6	M3	1.500	38.1	0.147	3.7	0.250	6.4	500
SS8-2	#8	M4	0.250	6.4	0.175	4.4	0.250	6.4	1000
SS8-3	#8	M4	0.375	9.5	0.175	4.4	0.250	6.4	1000
SS8-4	#8	M4	0.500	12.7	0.175	4.4	0.250	6.4	1000
SS8-5	#8	M4	0.625	15.9	0.175	4.4	0.250	6.4	1000
SS8-6	#8	M4	0.750	19.1	0.175	4.4	0.250	6.4	1000
SS8-8	#8	M4	1.000	25.4	0.175	4.4	0.250	6.4	1000
SS8-10	#8	M4	1.250	31.8	0.175	4.4	0.250	6.4	500
SS8-12	#8	M4	1.500	38.1	0.175	4.4	0.250	6.4	500
SS8-2L	#8	M4	0.250	6.4	0.175	4.4	0.375	9.5	1000
SS8-3L	#8	M4	0.375	9.5	0.175	4.4	0.375	9.5	1000

Item No.	For Screw		A		ID		OD		Bulk Pack Qty
	Imperial	Metric	in	mm	in	mm	in	mm	
SS8-4L	#8	M4	0.500	12.7	0.175	4.4	0.375	9.5	1000
SS8-5L	#8	M4	0.625	15.9	0.175	4.4	0.375	9.5	1000
SS8-6L	#8	M4	0.750	19.1	0.175	4.4	0.375	9.5	1000
SS8-8L	#8	M4	1.000	25.4	0.175	4.4	0.375	9.5	1000
SS8-9L	#8	M4	1.125	28.6	0.175	4.4	0.375	9.5	1000
SS8-10L	#8	M4	1.250	31.8	0.175	4.4	0.375	9.5	500
SS8-12L	#8	M4	1.500	38.1	0.175	4.4	0.375	9.5	500
SS10-2	#10	M5	0.250	6.4	0.200	5.1	0.375	9.5	1000
SS10-3	#10	M5	0.375	9.5	0.200	5.1	0.375	9.5	1000
SS10-4	#10	M5	0.500	12.7	0.200	5.1	0.375	9.5	1000
SS10-5	#10	M5	0.625	15.9	0.200	5.1	0.375	9.5	1000
SS10-6	#10	M5	0.750	19.1	0.200	5.1	0.375	9.5	1000
SS10-8	#10	M5	1.000	25.4	0.200	5.1	0.375	9.5	1000
SS10-10	#10	M5	1.250	31.8	0.200	5.1	0.375	9.5	500
SS10-12	#10	M5	1.500	38.1	0.200	5.1	0.375	9.5	500
SS1/4-2	1/4	M6	0.250	6.4	0.266	6.8	0.500	12.7	1000
SS1/4-4	1/4	M6	0.500	12.7	0.266	6.8	0.500	12.7	1000
SS1/4-6	1/4	M6	0.750	19.1	0.266	6.8	0.500	12.7	1000
SS1/4-8	1/4	M6	1.000	25.4	0.266	6.8	0.500	12.7	1000
SS1/4-10	1/4	M6	1.250	31.8	0.266	6.8	0.500	12.7	500
SS1/4-12	1/4	M6	1.500	38.1	0.266	6.8	0.500	12.7	500
SS3/8-2	3/8	M9	0.250	6.4	0.397	10.1	0.500	12.7	1000
SS3/8-4	3/8	M9	0.500	12.7	0.397	10.1	0.500	12.7	1000
SS3/8-6	3/8	M9	0.750	19.1	0.397	10.1	0.500	12.7	1000
SS3/8-8	3/8	M9	1.000	25.4	0.397	10.1	0.500	12.7	1000

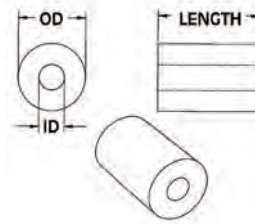
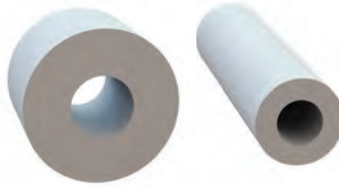
005XXXXXX05 Series
Round Acetal (POM) Spacer



- Specifications:
- Material: Acetal
 - Color: See table
- Features:
- High abrasion resistance
 - Minimal water absorption
 - High heat resistance
 - Good electrical and dielectric properties

Item No.		For Screw		A		ID		OD		Bulk Pack Qty
		Imperial	Metric	in	mm	in	mm	in	mm	
005237000005	005237059905	#2	M2.5	0.079	2.0	0.102	2.6	0.197	5.0	1000
005240000005	005240059905	#2	M2.5	0.118	3.0	0.102	2.6	0.197	5.0	1000
005243000005	005243059905	#2	M2.5	0.197	5.0	0.102	2.6	0.197	5.0	1000
005246000005	005246059905	#2	M2.5	0.295	7.5	0.102	2.6	0.197	5.0	1000
005249000005	005249059905	#2	M2.5	0.394	10.0	0.102	2.6	0.197	5.0	1000
005252000005	005252059905	#2	M2.5	0.591	15.0	0.102	2.6	0.197	5.0	1000
005255000005	005255059905	#2	M2.5	0.787	20.0	0.102	2.6	0.197	5.0	1000
005258000005	005258059905	#2	M2.5	0.984	25.0	0.102	2.6	0.197	5.0	1000
005261000005	005261059905	#2	M2.5	1.181	30.0	0.102	2.6	0.197	5.0	1000
005274000005	005274059905	#4	M3	0.079	2.0	0.122	3.1	0.197	5.0	1000
005277000005	—	#4	M3	0.118	3.0	0.122	3.1	0.197	5.0	1000
005280000005	005280059905	#4	M3	0.197	5.0	0.122	3.1	0.197	5.0	1000
005283000005	005283059905	#4	M3	0.295	7.5	0.122	3.1	0.197	5.0	1000
005286000005	005286059905	#4	M3	0.394	10.0	0.122	3.1	0.197	5.0	1000
005289000005	005289059905	#4	M3	0.591	15.0	0.122	3.1	0.197	5.0	1000
005292000005	005292059905	#4	M3	0.787	20.0	0.122	3.1	0.197	5.0	1000
005295000005	005295059905	#4	M3	0.984	25.0	0.122	3.1	0.197	5.0	1000
005298000005	005298059905	#4	M3	1.181	30.0	0.122	3.1	0.197	5.0	1000

THROUGH SPACERS

13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact

* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RS014535	13RS014535B	0.032	0.8	0.085	2.2	0.300	7.6	1000
13RS014533	13RS014533B	0.038	1.0	0.138	3.5	0.065	1.7	1000
13RS014531	13RS014531B	0.038	1.0	0.138	3.5	0.125	3.2	1000
13RS014529	13RS014529B	0.047	1.2	0.125	3.2	0.187	4.7	1000
13RS012504	13RS012504B	0.047	1.2	0.125	3.2	0.375	9.5	1000
13RS018723	13RS018723B	0.062	1.6	0.187	4.7	0.310	7.9	1000
13SP000	13SP000B	0.063	1.6	0.125	3.2	0.188	4.8	1000
13RS014532	13RS014532B	0.063	1.6	0.156	4.0	0.120	3.0	1000
13RS018721	13RS018721B	0.063	1.6	0.187	4.7	0.200	5.1	1000
13RS018711	13RS018711B	0.063	1.6	0.187	4.7	0.400	10.2	1000
13RSSR0001	13RSSR0001B	0.064	1.6	0.125	3.2	0.125	3.2	1000
13RSSR0005	13RSSR0005B	0.064	1.6	0.125	3.2	0.250	6.4	1000
13RSSR0009	13RSSR0009B	0.064	1.6	0.125	3.2	0.375	9.5	1000
13RS018716	13RS018716B	0.064	1.6	0.187	4.7	0.187	4.7	1000
13RS012505	13RS012505B	0.067	1.7	0.125	3.2	0.375	9.5	1000
13RS018715	13RS018715B	0.067	1.7	0.187	4.7	0.141	3.6	1000
13RS014534	13RS014534B	0.069	1.8	0.125	3.2	0.203	5.2	1000
13RS014536	13RS014536B	0.078	2.0	0.144	3.7	0.145	3.7	1000
13RS014530	13RS014530B	0.078	2.0	0.150	3.8	0.313	8.0	1000
13RS014528	13RS014528B	0.085	2.2	0.148	3.8	0.280	7.1	1000
13RSSR0002	13RSSR0002B	0.090	2.3	0.125	3.2	0.125	3.2	1000
13RSSR0006	13RSSR0006B	0.090	2.3	0.125	3.2	0.250	6.4	1000
13RSSR0008	13RSSR0008B	0.090	2.3	0.125	3.2	0.312	7.9	500
13RSSR0010	13RSSR0010B	0.090	2.3	0.125	3.2	0.375	9.5	1000
13RSSR0012	13RSSR0012B	0.090	2.3	0.188	4.8	0.219	5.6	1000
13RSSR0014	13RSSR0014B	0.090	2.3	0.188	4.8	0.281	7.1	1000
13RSSR0015	13RSSR0015B	0.090	2.3	0.188	4.8	0.344	8.7	1000
13RSSR0016	13RSSR0016B	0.090	2.3	0.188	4.8	0.406	10.3	1000
13RSSR0018	13RSSR0018B	0.090	2.3	0.188	4.8	0.469	11.9	1000
13RS018714	13RS018714B	0.090	2.3	0.188	4.8	0.520	13.2	1000
13RSSR0020	13RSSR0020B	0.090	2.3	0.250	6.4	0.156	4.0	1000
13RSSR0024	13RSSR0024B	0.090	2.3	0.250	6.4	0.219	5.6	1000
13RSSR0028	13RSSR0028B	0.090	2.3	0.250	6.4	0.281	7.1	1000
13RSSR0032	13RSSR0032B	0.090	2.3	0.250	6.4	0.344	8.7	1000
13RSSR0036	13RSSR0036B	0.090	2.3	0.250	6.4	0.406	10.3	1000
13RSSR0040	13RSSR0040B	0.090	2.3	0.250	6.4	0.469	11.9	1000
13RS018790	13RS018790B	0.091	2.3	0.187	4.7	0.203	5.2	1000
13RS018712	13RS018712B	0.091	2.3	0.187	4.7	0.423	10.7	1000
13RS018785	13RS018785B	0.091	2.3	0.187	4.7	0.844	21.4	1000
13SP001	13SP001B	0.091	2.3	0.188	4.8	0.125	3.2	1000
13SP003	13SP003B	0.091	2.3	0.188	4.8	0.188	4.8	1000
13SP005	13SP005B	0.091	2.3	0.188	4.8	0.250	6.4	1000
13RS018713	13RS018713B	0.091	2.3	0.188	4.8	0.275	7.0	1000
13SP007	13SP007B	0.091	2.3	0.188	4.8	0.313	8.0	1000
13SP009	13SP009B	0.091	2.3	0.188	4.8	0.375	9.5	1000
13SP011	13SP011B	0.091	2.3	0.188	4.8	0.438	11.1	1000
13SP013	13SP013B	0.091	2.3	0.188	4.8	0.500	12.7	1000
13SP015	13SP015B	0.091	2.3	0.188	4.8	0.563	14.3	1000
13SP017	13SP017B	0.091	2.3	0.188	4.8	0.625	15.9	1000
13SP019	13SP019B	0.091	2.3	0.188	4.8	0.688	17.5	1000
13SP021	13SP021B	0.091	2.3	0.188	4.8	0.750	19.1	500
13SP023	13SP023B	0.091	2.3	0.188	4.8	0.813	20.7	500
13SP025	13SP025B	0.091	2.3	0.188	4.8	0.875	22.2	500
13SP027	13SP027B	0.091	2.3	0.188	4.8	0.938	23.8	500
13SP029	13SP029B	0.091	2.3	0.188	4.8	1.000	25.4	500
13SP031	13SP031B	0.091	2.3	0.250	6.4	0.125	3.2	1000
13SP035	13SP035B	0.091	2.3	0.250	6.4	0.188	4.8	1000
13SP039	13SP039B	0.091	2.3	0.250	6.4	0.250	6.4	1000
13SP043	13SP043B	0.091	2.3	0.250	6.4	0.313	8.0	1000
13SP047	13SP047B	0.091	2.3	0.250	6.4	0.375	9.5	1000
13SP051	13SP051B	0.091	2.3	0.250	6.4	0.438	11.1	500
13SP055	13SP055B	0.091	2.3	0.250	6.4	0.500	12.7	500
13SP059	13SP059B	0.091	2.3	0.250	6.4	0.563	14.3	500
13SP063	13SP063B	0.091	2.3	0.250	6.4	0.625	15.9	500
13SP067	13SP067B	0.091	2.3	0.250	6.4	0.688	17.5	500
13SP071	13SP071B	0.091	2.3	0.250	6.4	0.750	19.1	500
13SP075	13SP075B	0.091	2.3	0.250	6.4	0.813	20.7	500
13SP079	13SP079B	0.091	2.3	0.250	6.4	0.875	22.2	500

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13SP083	13SP083B	0.091	2.3	0.250	6.4	0.938	23.8	500
13SP087	13SP087B	0.091	2.3	0.250	6.4	1.000	25.4	500
13RS018020	13RS018020B	0.093	2.4	0.192	4.9	0.203	5.2	1000
13RS018729	13RS018729B	0.094	2.4	0.156	4.0	0.140	3.6	1000
13RS031210	13RS031210B	0.095	2.4	0.312	7.9	0.250	6.4	1000
13RS018720	13RS018720B	0.096	2.4	0.187	4.7	0.156	4.0	1000
13RS025044	13RS025044B	0.098	2.5	0.250	6.4	0.250	6.4	1000
13RS016040	13RS016040B	0.100	2.5	0.160	4.1	0.406	10.3	1000
13RS015721	13RS015721B	0.102	2.6	0.157	4.0	0.217	5.5	1000
—	13ME001*	0.102	2.6	0.157	4.0	0.079	2.0	1000
—	13ME002*	0.102	2.6	0.157	4.0	0.118	3.0	1000
—	13ME003*	0.102	2.6	0.157	4.0	0.197	5.0	1000
—	13ME004*	0.102	2.6	0.157	4.0	0.295	7.5	1000
—	13ME005*	0.102	2.6	0.157	4.0	0.394	10.0	1000
—	13ME006*	0.102	2.6	0.157	4.0	0.591	15.0	1000
—	13ME007*	0.102	2.6	0.157	4.0	0.787	20.0	1000
—	13ME010*	0.102	2.6	0.197	5.0	0.079	2.0	1000
—	13ME011*	0.102	2.6	0.197	5.0	0.118	3.0	1000
—	13ME012*	0.102	2.6	0.197	5.0	0.197	5.0	1000
—	13ME013*	0.102	2.6	0.197	5.0	0.295	7.5	1000
—	13ME014*	0.102	2.6	0.197	5.0	0.394	10.0	1000
—	13ME015*	0.102	2.6	0.197	5.0	0.591	15.0	1000
—	13ME016*	0.102	2.6	0.197	5.0	0.787	20.0	1000
13RS018784	13RS018784B	0.104	2.6	0.187	4.7	0.421	10.7	1000
13RS020032	13RS020032B	0.109	2.8	0.198	5.0	0.345	8.8	1000
13SP002	13SP002B	0.115	2.9	0.188	4.8	0.125	3.2	1000
13RSSR0011	13RSSR0011B	0.115	2.9	0.188	4.8	0.156	4.0	1000
13SP004	13SP004B	0.115	2.9	0.188	4.8	0.188	4.8	1000
13RS018728	13RS018728B	0.115	2.9	0.188	4.8	0.216	5.5	1000
13RSSR0013	13RSSR0013B	0.115	2.9	0.188	4.8	0.219	5.6	1000
13SP006	13SP006B	0.115	2.9	0.188	4.8	0.250	6.4	1000
13RS018722	13RS018722B	0.115	2.9	0.188	4.8	0.281	7.1	1000
13SP008	13SP008B	0.115	2.9	0.188	4.8	0.313	8.0	1000
13SP010	13SP010B	0.115	2.9	0.188	4.8	0.375	9.5	1000
13RSSR0017	13RSSR0017B	0.115	2.9	0.188	4.8	0.406	10.3	1000
13SP012	13SP012B	0.115	2.9	0.188	4.8	0.438	11.1	1000
13RSSR0019	13RSSR0019B	0.115	2.9	0.188	4.8	0.469	11.9	1000
13SP014	13SP014B	0.115	2.9	0.188	4.8	0.500	12.7	1000
13SP016	13SP016B	0.115	2.9	0.188	4.8	0.563	14.3	1000
13SP018	13SP018B	0.115	2.9	0.188	4.8	0.625	15.9	1000
13SP020	13SP020B	0.115	2.9	0.188	4.8	0.688	17.5	1000
13SP022	13SP022B	0.115	2.9	0.188	4.8	0.750	19.1	1000
13SP024	13SP024B	0.115	2.9	0.188	4.8	0.813	20.7	500
13SP026	13SP026B	0.115	2.9	0.188	4.8	0.875	22.2	500
13SP028	13SP028B	0.115	2.9	0.188	4.8	0.938	23.8	500
13SP030	13SP030B	0.115	2.9	0.188	4.8	1.000	25.4	1000
13SP032	13SP032B	0.115	2.9	0.250	6.4	0.125	3.2	1000
13RSSR0021	13RSSR0021B	0.115	2.9	0.250	6.4	0.156	4.0	1000
13SP036	13SP036B	0.115	2.9	0.250	6.4	0.188	4.8	1000
13RS025075	13RS025075B	0.115	2.9	0.250	6.4	0.207	5.3	1000
13RS025048	13RS025048B	0.115	2.9	0.250	6.4	0.219	5.6	1000
13RSSR0025	13RSSR0025B	0.115	2.9	0.250	6.4	0.219	5.6	1000
13SP040	13SP040B	0.115	2.9	0.250	6.4	0.250	6.4	1000
13RSSR0029	13RSSR0029B	0.115	2.9	0.250	6.4	0.281	7.1	1000
13SP044	13SP044B	0.115	2.9	0.250	6.4	0.313	8.0	1000
13RSSR0033	13RSSR0033B	0.115	2.9	0.250	6.4	0.344	8.7	1000
13SP048	13SP048B	0.115	2.9	0.250	6.4	0.375	9.5	1000
13RSSR0037	13RSSR0037B	0.115	2.9	0.250	6.4	0.406	10.3	1000
13SP052	13SP052B	0.115	2.9	0.250	6.4	0.438	11.1	1000
13RSSR0041	13RSSR0041B	0.115	2.9	0.250	6.4	0.469	11.9	1000
13SP056	13SP056B	0.115	2.9	0.250	6.4	0.500	12.7	500
13SP060	13SP060B	0.115	2.9	0.250	6.4	0.563	14.3	500
13SP064	13SP064B	0.115	2.9	0.250	6.4	0.625	15.9	500
13SP068	13SP068B	0.115	2.9	0.250	6.4	0.688	17.5	500
13SP072	13SP072B	0.115	2.9	0.250	6.4	0.750	19.1	500
13SP076	13SP076B	0.115	2.9	0.250	6.4	0.813	20.7	500
13SP080	13SP080B	0.115	2.9	0.250	6.4	0.875	22.2	500
13SP084	13SP084B	0.115	2.9	0.250	6.4	0.938	23.8	500

THROUGH SPACERS

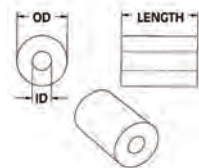
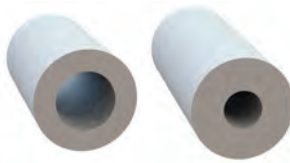
13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13SP088	13SP088B	0.115	2.9	0.250	6.4	1.000	25.4	500
13SP300	13SP300B	0.115	2.9	0.250	6.4	1.063	27.0	500
13SP304	13SP304B	0.115	2.9	0.250	6.4	1.125	28.6	1000
13SP308	13SP308B	0.115	2.9	0.250	6.4	1.188	30.2	1000
13SP312	13SP312B	0.115	2.9	0.250	6.4	1.250	31.8	1000
13SP316	13SP316B	0.115	2.9	0.250	6.4	1.313	33.4	1000
13RS025090	13RS025090B	0.115	2.9	0.250	6.4	1.313	33.4	1000
13SP320	13SP320B	0.115	2.9	0.250	6.4	1.375	34.9	1000
13SP324	13SP324B	0.115	2.9	0.250	6.4	1.438	36.5	1000
13SP328	13SP328B	0.115	2.9	0.250	6.4	1.500	38.1	1000
13RS025095	13RS025095B	0.115	2.9	0.251	6.4	0.531	13.5	1000
13SP091	13SP091B	0.115	2.9	0.313	8.0	0.125	3.2	1000
13SP095	13SP095B	0.115	2.9	0.313	8.0	0.188	4.8	1000
13SP099	13SP099B	0.115	2.9	0.313	8.0	0.250	6.4	500
13SP103	13SP103B	0.115	2.9	0.313	8.0	0.313	8.0	1000
13SP107	13SP107B	0.115	2.9	0.313	8.0	0.375	9.5	500
13SP111	13SP111B	0.115	2.9	0.313	8.0	0.438	11.1	500
13SP115	13SP115B	0.115	2.9	0.313	8.0	0.500	12.7	500
13SP119	13SP119B	0.115	2.9	0.313	8.0	0.563	14.3	500
13SP123	13SP123B	0.115	2.9	0.313	8.0	0.625	15.9	500
13SP127	13SP127B	0.115	2.9	0.313	8.0	0.688	17.5	500
13SP131	13SP131B	0.115	2.9	0.313	8.0	0.750	19.1	500
13SP135	13SP135B	0.115	2.9	0.313	8.0	0.813	20.7	500
13SP139	13SP139B	0.115	2.9	0.313	8.0	0.875	22.2	500
13SP143	13SP143B	0.115	2.9	0.313	8.0	0.938	23.8	1000
13SP147	13SP147B	0.115	2.9	0.313	8.0	1.000	25.4	1000
13SP335	13SP335B	0.115	2.9	0.313	8.0	1.063	27.0	1000
13SP339	13SP339B	0.115	2.9	0.313	8.0	1.125	28.6	1000
13SP343	13SP343B	0.115	2.9	0.313	8.0	1.188	30.2	1000
13SP347	13SP347B	0.115	2.9	0.313	8.0	1.250	31.8	1000
13SP351	13SP351B	0.115	2.9	0.313	8.0	1.313	33.4	1000
13SP355	13SP355B	0.115	2.9	0.313	8.0	1.375	34.9	1000
13SP359	13SP359B	0.115	2.9	0.313	8.0	1.438	36.5	1000
13SP363	13SP363B	0.115	2.9	0.313	8.0	1.500	38.1	1000
13RS037598	13RS037598B	0.115	2.9	0.375	9.5	1.063	27.0	500
13RS018724	13RS018724B	0.118	3.0	0.200	5.1	0.203	5.2	1000
13RS023631	13RS023631B	0.118	3.0	0.236	6.0	0.315	8.0	1000
13RS031223	13RS031223B	0.118	3.0	0.315	8.0	0.236	6.0	1000
13RS018725	13RS018725B	0.120	3.0	0.187	4.7	0.313	8.0	1000
13RS018730	13RS018730B	0.120	3.0	0.187	4.7	0.344	8.7	1000
13RS031641	13RS031641B	0.120	3.0	0.250	6.4	0.200	5.1	1000
13RS025041	13RS025041B	0.120	3.0	0.250	6.4	0.389	9.9	1000
13RS048012	13RS048012B	0.120	3.0	0.470	11.9	0.359	9.1	1000
13RS018735	13RS018735B	0.122	3.1	0.187	4.7	0.438	11.1	1000
MSW1000A	—	0.122	3.1	0.236	6.0	0.295	7.5	1000
13RS019330	13RS019330B	0.125	3.2	0.193	4.9	0.250	6.4	1000
13RS021337	13RS021337B	0.125	3.2	0.218	5.5	0.385	9.8	1000
13RS025021	13RS025021B	0.125	3.2	0.250	6.4	0.375	9.5	1000
13RS025042	13RS025042B	0.125	3.2	0.250	6.4	0.420	10.7	1000
13RS025014	13RS025014B	0.125	3.2	0.250	6.4	0.823	20.9	1000
13RS028038	13RS028038B	0.125	3.2	0.280	7.1	0.297	7.5	1000
13RS029618	13RS029618B	0.125	3.2	0.296	7.5	0.094	2.4	1000
SWI1240A	—	0.125	3.2	0.305	7.7	0.500	12.7	2000
13RS031256	13RS031256B	0.125	3.2	0.325	8.3	0.360	9.1	1000
13RS025012	13RS025012B	0.126	3.2	0.250	6.4	0.797	20.2	1000
—	13ME019*	0.126	3.2	0.197	5.0	0.079	2.0	1000
—	13ME020*	0.126	3.2	0.197	5.0	0.118	3.0	1000
—	13ME021*	0.126	3.2	0.197	5.0	0.197	5.0	1000
—	13ME022*	0.126	3.2	0.197	5.0	0.295	7.5	1000
—	13ME023*	0.126	3.2	0.197	5.0	0.394	10.0	1000
—	13ME024*	0.126	3.2	0.197	5.0	0.591	15.0	1000
—	13ME025*	0.126	3.2	0.197	5.0	0.787	20.0	1000
—	13ME028*	0.126	3.2	0.236	6.0	0.118	3.0	1000
—	13ME029*	0.126	3.2	0.236	6.0	0.197	5.0	1000
—	13ME030*	0.126	3.2	0.236	6.0	0.295	7.5	1000
—	13ME031*	0.126	3.2	0.236	6.0	0.394	10.0	1000
—	13ME032*	0.126	3.2	0.236	6.0	0.591	15.0	1000
—	13ME033*	0.126	3.2	0.236	6.0	0.787	20.0	1000
—	13ME036*	0.126	3.2	0.315	8.0	0.118	3.0	1000
—	13ME037*	0.126	3.2	0.315	8.0	0.197	5.0	1000
—	13ME038*	0.126	3.2	0.315	8.0	0.295	7.5	1000
—	13ME039*	0.126	3.2	0.315	8.0	0.394	10.0	1000

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
—	13ME040*	0.126	3.2	0.315	8.0	0.591	15.0	1000
—	13ME041*	0.126	3.2	0.315	8.0	0.787	20.0	500
13RS020313	13RS020313B	0.130	3.3	0.203	5.2	0.281	7.1	1000
13RS028039	13RS028039B	0.130	3.3	0.280	7.1	0.296	7.5	1000
13RS025024	13RS025024B	0.131	3.3	0.250	6.4	0.347	8.8	1000
13RS025022	13RS025022B	0.132	3.4	0.252	6.4	0.532	13.5	1000
13RS025023	13RS025023B	0.134	3.4	0.250	6.4	0.296	7.5	1000
13RS018726	13RS018726B	0.135	3.4	0.187	4.7	0.250	6.4	1000
13RS022013	13RS022013B	0.138	3.5	0.220	5.6	0.656	16.7	1000
13RS021830	13RS021830B	0.140	3.6	0.218	5.5	0.156	4.0	1000
13SP033	13SP033B	0.140	3.6	0.250	6.4	0.125	3.2	1000
13RSSR0022	13RSSR0022B	0.140	3.6	0.250	6.4	0.156	4.0	1000
13SP037	13SP037B	0.140	3.6	0.250	6.4	0.188	4.8	1000
13RS025059	13RS025059B	0.140	3.6	0.250	6.4	0.210	5.3	1000
13RSSR0026	13RSSR0026B	0.140	3.6	0.250	6.4	0.219	5.6	1000
13RS025058	13RS025058B	0.140	3.6	0.250	6.4	0.220	5.6	1000
13SP041	13SP041B	0.140	3.6	0.250	6.4	0.250	6.4	1000
13RSSR0030	13RSSR0030B	0.140	3.6	0.250	6.4	0.281	7.1	1000
13SP045	13SP045B	0.140	3.6	0.250	6.4	0.313	8.0	1000
13RSSR0034	13RSSR0034B	0.140	3.6	0.250	6.4	0.344	8.7	1000
13SP049	13SP049B	0.140	3.6	0.250	6.4	0.375	9.5	1000
13RSSR0038	13RSSR0038B	0.140	3.6	0.250	6.4	0.406	10.3	1000
13SP053	13SP053B	0.140	3.6	0.250	6.4	0.438	11.1	1000
13RSSR0042	13RSSR0042B	0.140	3.6	0.250	6.4	0.469	11.9	1000
13SP057	13SP057B	0.140	3.6	0.250	6.4	0.500	12.7	1000
13RS025053	13RS025053B	0.140	3.6	0.250	6.4	0.531	13.5	1000
13RS025055	13RS025055B	0.140	3.6	0.250	6.4	0.547	13.9	1000
13SP061	13SP061B	0.140	3.6	0.250	6.4	0.563	14.3	500
13SP065	13SP065B	0.140	3.6	0.250	6.4	0.625	15.9	500
13RS025056	13RS025056B	0.140	3.6	0.250	6.4	0.640	16.3	1000
13SP069	13SP069B	0.140	3.6	0.250	6.4	0.688	17.5	500
13SP073	13SP073B	0.140	3.6	0.250	6.4	0.750	19.1	500
13SP077	13SP077B	0.140	3.6	0.250	6.4	0.813	20.7	500
13SP081	13SP081B	0.140	3.6	0.250	6.4	0.875	22.2	500
13SP085	13SP085B	0.140	3.6	0.250	6.4	0.938	23.8	500
13SP089	13SP089B	0.140	3.6	0.250	6.4	1.000	25.4	500
13SP301	13SP301B	0.140	3.6	0.250	6.4	1.063	27.0	500
13SP305	13SP305B	0.140	3.6	0.250	6.4	1.125	28.6	500
13SP309	13SP309B	0.140	3.6	0.250	6.4	1.188	30.2	1000
13SP313	13SP313B	0.140	3.6	0.250	6.4	1.250	31.8	500
13SP317	13SP317B	0.140	3.6	0.250	6.4	1.313	33.4	1000
13SP321	13SP321B	0.140	3.6	0.250	6.4	1.375	34.9	1000
13SP325	13SP325B	0.140	3.6	0.250	6.4	1.438	36.5	1000
13SP329	13SP329B	0.140	3.6	0.250	6.4	1.500	38.1	1000
13RSSR0044	13RSSR0044B	0.140	3.6	0.312	7.9	0.156	4.0	1000
13RS031246	13RS031246B	0.140	3.6	0.312	7.9	0.200	5.1	1000
13RSSR0047	13RSSR0047B	0.140	3.6	0.312	7.9	0.219	5.6	1000
13RS031214	13RS031214B	0.140	3.6	0.312	7.9	0.281	7.1	1000
13RSSR0052	13RSSR0052B	0.140	3.6	0.312	7.9	0.344	8.7	1000
13RSSR0055	13RSSR0055B	0.140	3.6	0.312	7.9	0.406	10.3	1000
13RSSR0058	13RSSR0058B	0.140	3.6	0.312	7.9	0.469	11.9	1000
13SP092	13SP092B	0.140	3.6	0.313	8.0	0.125	3.2	1000
13SP096	13SP096B	0.140	3.6	0.313	8.0	0.188	4.8	1000
13SP100	13SP100B	0.140	3.6	0.313	8.0	0.250	6.4	1000
13SP104	13SP104B	0.140	3.6	0.313	8.0	0.313	8.0	1000
13SP108	13SP108B	0.140	3.6	0.313	8.0	0.375	9.5	500
13SP112	13SP112B	0.140	3.6	0.313	8.0	0.438	11.1	500
13SP116	13SP116B	0.140	3.6	0.313	8.0	0.500	12.7	500
13SP120	13SP120B	0.140	3.6	0.313	8.0	0.563	14.3	500
13SP124	13SP124B	0.140	3.6	0.313	8.0	0.625	15.9	500
13SP128	13SP128B	0.140	3.6	0.313	8.0	0.688	17.5	500
13SP132	13SP132B	0.140	3.6	0.313	8.0	0.750	19.1	500
13SP136	13SP136B	0.140	3.6	0.313	8.0	0.813	20.7	500
13SP140	13SP140B	0.140	3.6	0.313	8.0	0.875	22.2	500
13SP144	13SP144B	0.140	3.6	0.313	8.0	0.938	23.8	1000
13SP148	13SP148B	0.140	3.6	0.313	8.0	1.000	25.4	1000
13SP336	13SP336B	0.140	3.6	0.313	8.0	1.063	27.0	1000
13SP340	13SP340B	0.140	3.6	0.313	8.0	1.125	28.6	1000
13SP344	13SP344B	0.140	3.6	0.313	8.0	1.188	30.2	1000
13SP348	13SP348B	0.140	3.6	0.313	8.0	1.250	31.8	500
13SP352	13SP352B	0.140	3.6	0.313	8.0	1.313	33.4	1000
13SP356	13SP356B	0.140	3.6	0.313	8.0	1.375	34.9	1000

THROUGH SPACERS

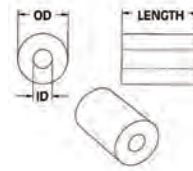
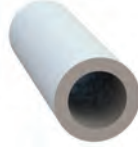
13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13SP360	13SP360B	0.140	3.6	0.313	8.0	1.438	36.5	1000
13SP364	13SP364B	0.140	3.6	0.313	8.0	1.500	38.1	1000
13SP158	13SP158B	0.140	3.6	0.375	9.5	0.125	3.2	1000
13RSSR0061	13RSSR0061B	0.140	3.6	0.375	9.5	0.156	4.0	1000
13SP161	13SP161B	0.140	3.6	0.375	9.5	0.188	4.8	1000
13RSSR0065	13RSSR0065B	0.140	3.6	0.375	9.5	0.219	5.6	1000
13SP164	13SP164B	0.140	3.6	0.375	9.5	0.250	6.4	1000
13RSSR0070	13RSSR0070B	0.140	3.6	0.375	9.5	0.281	7.1	1000
13SP167	13SP167B	0.140	3.6	0.375	9.5	0.313	8.0	500
13RS031246	13RS031246B	0.140	3.6	0.375	9.5	0.344	8.7	1000
13SP170	13SP170B	0.140	3.6	0.375	9.5	0.375	9.5	500
13RSSR0079	13RSSR0079B	0.140	3.6	0.375	9.5	0.406	10.3	1000
13SP173	13SP173B	0.140	3.6	0.375	9.5	0.438	11.1	500
13RSSR0084	13RSSR0084B	0.140	3.6	0.375	9.5	0.469	11.9	1000
13SP176	13SP176B	0.140	3.6	0.375	9.5	0.500	12.7	500
13SP179	13SP179B	0.140	3.6	0.375	9.5	0.563	14.3	500
13SP182	13SP182B	0.140	3.6	0.375	9.5	0.625	15.9	500
13SP185	13SP185B	0.140	3.6	0.375	9.5	0.688	17.5	500
13RS037570	13RS037570B	0.140	3.6	0.375	9.5	0.700	17.8	1000
13RS037591	13RS037591B	0.140	3.6	0.375	9.5	0.725	18.4	500
13SP188	13SP188B	0.140	3.6	0.375	9.5	0.750	19.1	500
13SP191	13SP191B	0.140	3.6	0.375	9.5	0.813	20.7	500
13SP194	13SP194B	0.140	3.6	0.375	9.5	0.875	22.2	500
13SP197	13SP197B	0.140	3.6	0.375	9.5	0.938	23.8	1000
13SP200	13SP200B	0.140	3.6	0.375	9.5	1.000	25.4	500
13SP372	13SP372B	0.140	3.6	0.375	9.5	1.063	27.0	1000
13SP375	13SP375B	0.140	3.6	0.375	9.5	1.125	28.6	1000
13SP378	13SP378B	0.140	3.6	0.375	9.5	1.188	30.2	1000
13SP381	13SP381B	0.140	3.6	0.375	9.5	1.250	31.8	1000
13SP384	13SP384B	0.140	3.6	0.375	9.5	1.313	33.4	1000
13SP387	13SP387B	0.140	3.6	0.375	9.5	1.375	34.9	1000
13SP390	13SP390B	0.140	3.6	0.375	9.5	1.438	36.5	1000
13SP393	13SP393B	0.140	3.6	0.375	9.5	1.500	38.1	1000
13RS040080	13RS040080B	0.140	3.6	0.400	10.2	0.719	18.3	500
13RS040085	13RS040085B	0.140	3.6	0.400	10.2	0.781	19.8	500
13RS041501	13RS041501B	0.140	3.6	0.415	10.5	0.344	8.7	500
13RS046062	13RS046062B	0.140	3.6	0.454	11.5	0.344	8.7	1000
13SP203	13SP203B	0.140	3.6	0.500	12.7	0.125	3.2	1000
13SP208	13SP208B	0.140	3.6	0.500	12.7	0.188	4.8	500
13SP213	13SP213B	0.140	3.6	0.500	12.7	0.250	6.4	500
13SP218	13SP218B	0.140	3.6	0.500	12.7	0.313	8.0	500
13SP223	13SP223B	0.140	3.6	0.500	12.7	0.375	9.5	500
13SP228	13SP228B	0.140	3.6	0.500	12.7	0.438	11.1	1000
13SP233	13SP233B	0.140	3.6	0.500	12.7	0.500	12.7	500
13SP238	13SP238B	0.140	3.6	0.500	12.7	0.563	14.3	500
13RS050032	13RS050032B	0.140	3.6	0.500	12.7	0.600	15.2	500
13SP243	13SP243B	0.140	3.6	0.500	12.7	0.625	15.9	500
13SP248	13SP248B	0.140	3.6	0.500	12.7	0.688	17.5	1000
13SP253	13SP253B	0.140	3.6	0.500	12.7	0.750	19.1	1000
13SP258	13SP258B	0.140	3.6	0.500	12.7	0.813	20.7	1000
13SP263	13SP263B	0.140	3.6	0.500	12.7	0.875	22.2	1000
13SP268	13SP268B	0.140	3.6	0.500	12.7	0.938	23.8	1000
13SP273	13SP273B	0.140	3.6	0.500	12.7	1.000	25.4	500
13RSSR0304	13RSSR0304B	0.140	3.6	0.500	12.7	2.500	63.5	250
13RS062521	13RS062521B	0.140	3.6	0.625	15.9	0.375	9.5	500
13RS075058	13RS075058B	0.140	3.6	0.750	19.1	0.500	12.7	500
13RS025070	13RS025070B	0.141	3.6	0.250	6.4	0.281	7.1	1000
13RS025043	13RS025043B	0.142	3.6	0.250	6.4	0.410	10.4	1000
—	13ME044*	0.142	3.6	0.236	6.0	0.118	3.0	1000
—	13ME045*	0.142	3.6	0.236	6.0	0.197	5.0	1000
—	13ME046*	0.142	3.6	0.236	6.0	0.295	7.5	1000
—	13ME047*	0.142	3.6	0.236	6.0	0.394	10.0	1000
—	13ME048*	0.142	3.6	0.236	6.0	0.591	15.0	1000
—	13ME049*	0.142	3.6	0.236	6.0	0.787	20.0	1000
13RS020031	13RS020031B	0.145	3.7	0.200	5.1	0.110	2.8	1000
13RS020030	13RS020030B	0.145	3.7	0.200	5.1	0.172	4.4	1000
13RS021535	13RS021535B	0.145	3.7	0.215	5.5	0.328	8.3	1000
13RS044074	13RS044074B	0.145	3.7	0.437	11.1	0.875	22.2	500
13RS075015	13RS075015B	0.145	3.7	0.750	19.1	0.875	22.2	500
13RS021026	13RS021026B	0.147	3.7	0.217	5.5	0.230	5.8	1000
13RS025050	13RS025050B	0.147	3.7	0.250	6.4	0.297	7.5	1000
13RS025052	13RS025052B	0.147	3.7	0.250	6.4	0.500	12.7	1000

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RS025092	13RS025092B	0.150	3.8	0.250	6.4	0.345	8.8	1000
13RS025026	13RS025026B	0.150	3.8	0.250	6.4	0.472	12.0	1000
13RS025017	13RS025017B	0.150	3.8	0.254	6.5	0.166	4.2	1000
13RS039315	13RS039315B	0.151	3.8	0.393	10.0	0.250	6.4	1000
13RS025091	13RS025091B	0.152	3.9	0.251	6.4	0.156	4.0	1000
13RS030502	13RS030502B	0.152	3.9	0.302	7.7	0.206	5.2	1000
13RS025010	13RS025010B	0.153	3.9	0.250	6.4	0.250	6.4	1000
13RS021025	13RS021025B	0.156	4.0	0.210	5.3	0.250	6.4	1000
13RS031225	13RS031225B	0.156	4.0	0.312	7.9	0.256	6.5	1000
13RS068712	13RS068712B	0.156	4.0	0.687	17.4	0.125	3.2	500
13RS025065	13RS025065B	0.160	4.1	0.250	6.4	0.750	19.1	1000
13RS062514	13RS062514B	0.160	4.1	0.625	15.9	0.312	7.9	500
13RS040086	13RS040086B	0.165	4.2	0.315	8.0	0.984	25.0	1000
13RS037586	13RS037586B	0.165	4.2	0.375	9.5	2.000	50.8	500
13RSSR0023	13RSSR0023B	0.166	4.2	0.250	6.4	0.156	4.0	1000
13RSSR0027	13RSSR0027B	0.166	4.2	0.250	6.4	0.219	5.6	1000
13RSSR0031	13RSSR0031B	0.166	4.2	0.250	6.4	0.281	7.1	1000
13RSSR0035	13RSSR0035B	0.166	4.2	0.250	6.4	0.344	8.7	1000
13RSSR0039	13RSSR0039B	0.166	4.2	0.250	6.4	0.406	10.3	1000
13RSSR0043	13RSSR0043B	0.166	4.2	0.250	6.4	0.469	11.9	1000
13RS025015	13RS025015B	0.166	4.2	0.250	6.4	0.500	12.7	1000
13RSSR0045	13RSSR0045B	0.166	4.2	0.312	7.9	0.156	4.0	1000
13RSSR0048	13RSSR0048B	0.166	4.2	0.312	7.9	0.219	5.6	1000
13RSSR0050	13RSSR0050B	0.166	4.2	0.312	7.9	0.281	7.1	1000
13RSSR0053	13RSSR0053B	0.166	4.2	0.312	7.9	0.344	8.7	1000
13RSSR0056	13RSSR0056B	0.166	4.2	0.312	7.9	0.406	10.3	1000
13RSSR0059	13RSSR0059B	0.166	4.2	0.312	7.9	0.469	11.9	1000
13RSSR0062	13RSSR0062B	0.166	4.2	0.375	9.5	0.156	4.0	1000
13RSSR0066	13RSSR0066B	0.166	4.2	0.375	9.5	0.219	5.6	1000
13RSSR0071	13RSSR0071B	0.166	4.2	0.375	9.5	0.281	7.1	1000
13RSSR0075	13RSSR0075B	0.166	4.2	0.375	9.5	0.344	8.7	1000
13RSSR0080	13RSSR0080B	0.166	4.2	0.375	9.5	0.406	10.3	1000
13RSSR0085	13RSSR0085B	0.166	4.2	0.375	9.5	0.469	11.9	1000
13RSSR0299	13RSSR0299B	0.166	4.2	0.500	12.7	2.250	57.2	250
13RSSR0305	13RSSR0305B	0.166	4.2	0.500	12.7	2.500	63.5	250
13RSSR0311	13RSSR0311B	0.166	4.2	0.500	12.7	2.750	69.9	250
13RS031263	13RS031263B	0.169	4.3	0.315	8.0	0.315	8.0	1000
MSW1020A	—	0.169	4.4	0.354	9.0	0.055	1.4	1000
13RS039342	13RS039342B	0.169	4.3	0.393	10.0	0.234	5.9	1000
13RS040083	13RS040083B	0.169	4.3	0.394	10.0	0.787	20.0	500
—	13ME052*	0.169	4.3	0.315	8.0	0.118	3.0	1000
—	13ME053*	0.169	4.3	0.315	8.0	0.197	5.0	1000
—	13ME054*	0.169	4.3	0.315	8.0	0.295	7.5	1000
—	13ME055*	0.169	4.3	0.315	8.0	0.394	10.0	1000
—	13ME056*	0.169	4.3	0.315	8.0	0.591	15.0	1000
—	13ME057*	0.169	4.3	0.315	8.0	0.787	20.0	1000
13RS028030	13RS028030B	0.170	4.3	0.280	7.1	0.300	7.6	1000
13RS050025	13RS050025B	0.170	4.3	0.500	12.7	0.255	6.5	1000
13RS050027	13RS050027B	0.170	4.3	0.500	12.7	0.270	6.9	500
13SP034	13SP034B	0.171	4.3	0.250	6.4	0.125	3.2	1000
13SP038	13SP038B	0.171	4.3	0.250	6.4	0.188	4.8	1000
13SP042	13SP042B	0.171	4.3	0.250	6.4	0.250	6.4	1000
13SP046	13SP046B	0.171	4.3	0.250	6.4	0.313	8.0	1000
13RS025051	13RS025051B	0.171	4.3	0.250	6.4	0.334	8.5	1000
13RS025013	13RS025013B	0.171	4.3	0.250	6.4	0.355	9.0	1000
13SP050	13SP050B	0.171	4.3	0.250	6.4	0.375	9.5	1000
13RS025057	13RS025057B	0.171	4.3	0.250	6.4	0.375	9.5	1000
13RS025011	13RS025011B	0.171	4.3	0.250	6.4	0.413	10.5	1000
13SP054	13SP054B	0.171	4.3	0.250	6.4	0.438	11.1	1000
13RS025019	13RS025019B	0.171	4.3	0.250	6.4	0.475	12.1	1000
13SP058	13SP058B	0.171	4.3	0.250	6.4	0.500	12.7	500
13SP062	13SP062B	0.171	4.3	0.250	6.4	0.563	14.3	500
13RS025018	13RS025018B	0.171	4.3	0.250	6.4	0.575	14.6	1000
13SP066	13SP066B	0.171	4.3	0.250	6.4	0.625	15.9	500
13SP070	13SP070B	0.171	4.3	0.250	6.4	0.688	17.5	500
13SP074	13SP074B	0.171	4.3	0.250	6.4	0.750	19.1	500
13SP078	13SP078B	0.171	4.3	0.250	6.4	0.813	20.7	500
13SP082	13SP082B	0.171	4.3	0.250	6.4	0.875	22.2	500
13SP086	13SP086B	0.171	4.3	0.250	6.4	0.938	23.8	500
13SP090	13SP090B	0.171	4.3	0.250	6.4	1.000	25.4	500
13RS031251	13RS031251B	0.171	4.3	0.312	7.9	1.875	47.6	1000
13SP093	13SP093B	0.171	4.3	0.313	8.0	0.125	3.2	1000
13SP097	13SP097B	0.171	4.3	0.313	8.0	0.188	4.8	1000

THROUGH SPACERS

13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13SP101	13SP101B	0.171	4.3	0.313	8.0	0.250	6.4	1000
13SP105	13SP105B	0.171	4.3	0.313	8.0	0.313	8.0	1000
13SP109	13SP109B	0.171	4.3	0.313	8.0	0.375	9.5	500
13SP113	13SP113B	0.171	4.3	0.313	8.0	0.438	11.1	500
13SP117	13SP117B	0.171	4.3	0.313	8.0	0.500	12.7	500
13SP121	13SP121B	0.171	4.3	0.313	8.0	0.563	14.3	500
13SP125	13SP125B	0.171	4.3	0.313	8.0	0.625	15.9	1000
13RS031254	13RS031254B	0.171	4.3	0.313	8.0	0.671	17.0	1000
13SP129	13SP129B	0.171	4.3	0.313	8.0	0.688	17.5	500
13SP133	13SP133B	0.171	4.3	0.313	8.0	0.750	19.1	500
13SP137	13SP137B	0.171	4.3	0.313	8.0	0.813	20.7	500
13SP141	13SP141B	0.171	4.3	0.313	8.0	0.875	22.2	500
13SP145	13SP145B	0.171	4.3	0.313	8.0	0.938	23.8	500
13SP149	13SP149B	0.171	4.3	0.313	8.0	1.000	25.4	500
13SP337	13SP337B	0.171	4.3	0.313	8.0	1.063	27.0	1000
13SP341	13SP341B	0.171	4.3	0.313	8.0	1.125	28.6	1000
13SP345	13SP345B	0.171	4.3	0.313	8.0	1.188	30.2	1000
13SP349	13SP349B	0.171	4.3	0.313	8.0	1.250	31.8	1000
13SP353	13SP353B	0.171	4.3	0.313	8.0	1.313	33.4	500
13SP357	13SP357B	0.171	4.3	0.313	8.0	1.375	34.9	1000
13SP361	13SP361B	0.171	4.3	0.313	8.0	1.438	36.5	1000
13SP365	13SP365B	0.171	4.3	0.313	8.0	1.500	38.1	1000
13RS031243	13RS031243B	0.171	4.3	0.313	8.0	2.438	61.9	1000
13SP159	13SP159B	0.171	4.3	0.375	9.5	0.125	3.2	1000
13SP162	13SP162B	0.171	4.3	0.375	9.5	0.188	4.8	1000
13SP165	13SP165B	0.171	4.3	0.375	9.5	0.250	6.4	1000
13SP168	13SP168B	0.171	4.3	0.375	9.5	0.313	8.0	500
13SP171	13SP171B	0.171	4.3	0.375	9.5	0.375	9.5	1000
13SP174	13SP174B	0.171	4.3	0.375	9.5	0.438	11.1	500
13SP177	13SP177B	0.171	4.3	0.375	9.5	0.500	12.7	500
13SP180	13SP180B	0.171	4.3	0.375	9.5	0.563	14.3	500
13SP183	13SP183B	0.171	4.3	0.375	9.5	0.625	15.9	500
13SP186	13SP186B	0.171	4.3	0.375	9.5	0.688	17.5	500
13SP189	13SP189B	0.171	4.3	0.375	9.5	0.750	19.1	500
13SP192	13SP192B	0.171	4.3	0.375	9.5	0.813	20.7	500
13SP195	13SP195B	0.171	4.3	0.375	9.5	0.875	22.2	500
13SP198	13SP198B	0.171	4.3	0.375	9.5	0.938	23.8	250
13SP201	13SP201B	0.171	4.3	0.375	9.5	1.000	25.4	500
13SP373	13SP373B	0.171	4.3	0.375	9.5	1.063	27.0	1000
13SP376	13SP376B	0.171	4.3	0.375	9.5	1.125	28.6	1000
13SP379	13SP379B	0.171	4.3	0.375	9.5	1.188	30.2	1000
13SP382	13SP382B	0.171	4.3	0.375	9.5	1.250	31.8	1000
13SP385	13SP385B	0.171	4.3	0.375	9.5	1.313	33.4	1000
13SP388	13SP388B	0.171	4.3	0.375	9.5	1.375	34.9	1000
13SP391	13SP391B	0.171	4.3	0.375	9.5	1.438	36.5	1000
13SP394	13SP394B	0.171	4.3	0.375	9.5	1.500	38.1	1000
13RS037519	13RS037519B	0.171	4.3	0.380	9.7	0.275	7.0	1000
13RS043729	13RS043729B	0.171	4.3	0.438	11.1	0.655	16.6	500
13SP204	13SP204B	0.171	4.3	0.500	12.7	0.125	3.2	1000
13SP209	13SP209B	0.171	4.3	0.500	12.7	0.188	4.8	1000
13SP214	13SP214B	0.171	4.3	0.500	12.7	0.250	6.4	500
13SP219	13SP219B	0.171	4.3	0.500	12.7	0.313	8.0	500
13SP224	13SP224B	0.171	4.3	0.500	12.7	0.375	9.5	500
13SP229	13SP229B	0.171	4.3	0.500	12.7	0.438	11.1	1000
13SP234	13SP234B	0.171	4.3	0.500	12.7	0.500	12.7	500
13SP239	13SP239B	0.171	4.3	0.500	12.7	0.563	14.3	500
13SP244	13SP244B	0.171	4.3	0.500	12.7	0.625	15.9	1000
13SP249	13SP249B	0.171	4.3	0.500	12.7	0.688	17.5	1000
13SP254	13SP254B	0.171	4.3	0.500	12.7	0.750	19.1	1000
13SP259	13SP259B	0.171	4.3	0.500	12.7	0.813	20.7	1000
13SP264	13SP264B	0.171	4.3	0.500	12.7	0.875	22.2	1000
13SP269	13SP269B	0.171	4.3	0.500	12.7	0.938	23.8	1000
13SP274	13SP274B	0.171	4.3	0.500	12.7	1.000	25.4	500
13RS035453	13RS035453B	0.172	4.4	0.354	9.0	0.531	13.5	1000
13RS025054	13RS025054B	0.173	4.4	0.250	6.4	0.281	7.1	1000
13RS062551	13RS062551B	0.173	4.4	0.625	15.9	0.250	6.4	500
13RS075059	13RS075059B	0.173	4.4	0.750	19.1	0.250	6.4	500
13RS024014	13RS024014B	0.175	4.4	0.245	6.2	0.156	4.0	1000
13RS024015	13RS024015B	0.175	4.4	0.245	6.2	0.166	4.2	1000
13RS030503	13RS030503B	0.175	4.4	0.300	7.6	0.197	5.0	1000
13RS031257	13RS031257B	0.175	4.4	0.313	8.0	0.154	3.9	1000
13RS037514	13RS037514B	0.175	4.4	0.376	9.6	0.150	3.8	1000
13RS125311	13RS125311B	0.177	4.5	1.250	31.8	0.563	14.3	250

Item No.		ID		OD		Length		Bulk Pack
Natural	Black	in	mm	in	mm	in	mm	Qty
13RS125075	13RS125075B	0.177	4.5	1.250	31.8	0.625	15.9	250
13RS031242	13RS031242B	0.182	4.6	0.315	8.0	0.430	10.9	1000
13RS042700	13RS042700B	0.182	4.6	0.427	10.8	0.734	18.6	500
13RS027541	13RS027541B	0.185	4.7	0.275	7.0	0.090	2.3	1000
13RS031253	13RS031253B	0.187	4.7	0.313	8.0	0.171	4.3	1000
13RS075088	13RS075088B	0.187	4.7	0.750	19.1	0.500	12.7	500
13RS100020	13RS100020B	0.187	4.7	0.990	25.1	0.250	6.4	500
13RS025016	13RS025016B	0.188	4.8	0.250	6.4	0.188	4.8	1000
13RS031640	13RS031640B	0.188	4.8	0.316	8.0	0.203	5.2	1000
13RS031830	13RS031830B	0.189	4.8	0.313	8.0	0.297	7.5	1000
13RS046319	13RS046319B	0.190	4.8	0.463	11.8	0.313	8.0	1000
13RS031262	13RS031262B	0.191	4.9	0.312	7.9	0.870	22.1	500
13RS048015	13RS048015B	0.191	4.9	0.475	12.1	0.328	8.3	500
13RS062519	13RS062519B	0.191	4.9	0.625	15.9	0.250	6.4	500
13RSSR0046	13RSSR0046B	0.192	4.9	0.312	7.9	0.156	4.0	1000
13RSSR0049	13RSSR0049B	0.192	4.9	0.312	7.9	0.219	5.6	1000
13RSSR0051	13RSSR0051B	0.192	4.9	0.312	7.9	0.281	7.1	1000
13RSSR0054	13RSSR0054B	0.192	4.9	0.312	7.9	0.344	8.7	1000
13RSSR0057	13RSSR0057B	0.192	4.9	0.312	7.9	0.406	10.3	1000
13RSSR0060	13RSSR0060B	0.192	4.9	0.312	7.9	0.469	11.9	1000
13RSSR0063	13RSSR0063B	0.192	4.9	0.375	9.5	0.156	4.0	1000
13RSSR0067	13RSSR0067B	0.192	4.9	0.375	9.5	0.219	5.6	1000
13RSSR0072	13RSSR0072B	0.192	4.9	0.375	9.5	0.281	7.1	1000
13RSSR0076	13RSSR0076B	0.192	4.9	0.375	9.5	0.344	8.7	1000
13RSSR0081	13RSSR0081B	0.192	4.9	0.375	9.5	0.406	10.3	1000
13RSSR0086	13RSSR0086B	0.192	4.9	0.375	9.5	0.469	11.9	1000
13RSSR0300	13RSSR0300B	0.192	4.9	0.500	12.7	2.250	57.2	250
13RSSR0306	13RSSR0306B	0.192	4.9	0.500	12.7	2.500	63.5	250
13RSSR0139	13RSSR0139B	0.192	4.9	0.625	15.9	0.250	6.4	500
13RSSR0143	13RSSR0143B	0.192	4.9	0.625	15.9	0.312	7.9	500
13RSSR0147	13RSSR0147B	0.192	4.9	0.625	15.9	0.375	9.5	500
13RSSR0151	13RSSR0151B	0.192	4.9	0.625	15.9	0.437	11.1	500
13RSSR0155	13RSSR0155B	0.192	4.9	0.625	15.9	0.500	12.7	500
13RSSR0158	13RSSR0158B	0.192	4.9	0.625	15.9	0.563	14.3	500
13RSSR0162	13RSSR0162B	0.192	4.9	0.625	15.9	0.625	15.9	500
13RSSR0165	13RSSR0165B	0.192	4.9	0.625	15.9	0.750	19.1	500
13RSSR0169	13RSSR0169B	0.192	4.9	0.625	15.9	0.875	22.2	500
13RSSR0173	13RSSR0173B	0.192	4.9	0.625	15.9	1.000	25.4	500
13RSSR0177	13RSSR0177B	0.192	4.9	0.625	15.9	1.125	28.6	500
13RSSR0181	13RSSR0181B	0.192	4.9	0.625	15.9	1.250	31.8	500
13RSSR0185	13RSSR0185B	0.192	4.9	0.625	15.9	1.375	34.9	500
13RSSR0189	13RSSR0189B	0.192	4.9	0.625	15.9	1.500	38.1	500
13RSSR0193	13RSSR0193B	0.192	4.9	0.625	15.9	1.750	44.5	500
13RSSR0197	13RSSR0197B	0.192	4.9	0.625	15.9	2.000	50.8	500
13RSSR0320	13RSSR0320B	0.192	4.9	0.625	15.9	2.250	57.2	250
13RSSR0324	13RSSR0324B	0.192	4.9	0.625	15.9	2.500	63.5	250
13RSSR0328	13RSSR0328B	0.192	4.9	0.625	15.9	2.750	69.9	250
13RS100039	13RS100039B	0.193	4.9	1.000	25.4	0.250	6.4	500
13RS031216	13RS031216B	0.194	4.9	0.312	7.9	0.228	5.8	1000
13RS031212	13RS031212B	0.194	4.9	0.312	7.9	0.530	13.5	1000
13RS031231	13RS031231B	0.194	4.9	0.312	7.9	0.590	15.0	1000
13RS031244	13RS031244B	0.194	4.9	0.312	7.9	1.155	29.3	1000
13RS031211	13RS031211B	0.194	4.9	0.312	7.9	1.405	35.7	1000
13RS031249	13RS031249B	0.194	4.9	0.312	7.9	2.000	50.8	1000
13SP094	13SP094B	0.194	4.9	0.313	8.0	0.125	3.2	1000
13SP098	13SP098B	0.194	4.9	0.313	8.0	0.188	4.8	1000
13SP102	13SP102B	0.194	4.9	0.313	8.0	0.250	6.4	1000
13SP106	13SP106B	0.194	4.9	0.313	8.0	0.313	8.0	500
13SP110	13SP110B	0.194	4.9	0.313	8.0	0.375	9.5	500
13SP114	13SP114B	0.194	4.9	0.313	8.0	0.438	11.1	1000
13SP118	13SP118B	0.194	4.9	0.313	8.0	0.500	12.7	1000
13SP122	13SP122B	0.194	4.9	0.313	8.0	0.563	14.3	500
13SP126	13SP126B	0.194	4.9	0.313	8.0	0.625	15.9	500
13SP130	13SP130B	0.194	4.9	0.313	8.0	0.688	17.5	500
13SP134	13SP134B	0.194	4.9	0.313	8.0	0.750	19.1	500
13SP138	13SP138B	0.194	4.9	0.313	8.0	0.813	20.7	500
13SP142	13SP142B	0.194	4.9	0.313	8.0	0.875	22.2	500
13SP146	13SP146B	0.194	4.9	0.313	8.0	0.938	23.8	1000
13SP150	13SP150B	0.194	4.9	0.313	8.0	1.000	25.4	500
13SP338	13SP338B	0.194	4.9	0.313	8.0	1.063	27.0	500
13SP342	13SP342B	0.194	4.9	0.313	8.0	1.125	28.6	500
13SP346	13SP346B	0.194	4.9	0.313	8.0	1.188	30.2	500
13SP350	13SP350B	0.194	4.9	0.313	8.0	1.250	31.8	1000

THROUGH SPACERS

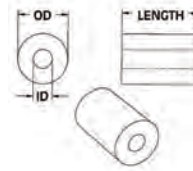
13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13SP354	13SP354B	0.194	4.9	0.313	8.0	1.313	33.4	1000
13SP358	13SP358B	0.194	4.9	0.313	8.0	1.375	34.9	1000
13SP362	13SP362B	0.194	4.9	0.313	8.0	1.438	36.5	1000
13SP366	13SP366B	0.194	4.9	0.313	8.0	1.500	38.1	1000
13RS037041	13RS037041B	0.194	4.9	0.370	9.4	0.418	10.6	1000
13SP160	13SP160B	0.194	4.9	0.375	9.5	0.125	3.2	1000
13RS037512	13RS037512B	0.194	4.9	0.375	9.5	0.184	4.7	1000
13SP163	13SP163B	0.194	4.9	0.375	9.5	0.188	4.8	1000
13SP166	13SP166B	0.194	4.9	0.375	9.5	0.250	6.4	1000
13SP169	13SP169B	0.194	4.9	0.375	9.5	0.313	8.0	500
13RS037513	13RS037513B	0.194	4.9	0.375	9.5	0.340	8.6	1000
13SP172	13SP172B	0.194	4.9	0.375	9.5	0.375	9.5	500
13SP175	13SP175B	0.194	4.9	0.375	9.5	0.438	11.1	500
13SP178	13SP178B	0.194	4.9	0.375	9.5	0.500	12.7	500
13SP181	13SP181B	0.194	4.9	0.375	9.5	0.563	14.3	500
13SP184	13SP184B	0.194	4.9	0.375	9.5	0.625	15.9	500
13SP187	13SP187B	0.194	4.9	0.375	9.5	0.688	17.5	500
13SP190	13SP190B	0.194	4.9	0.375	9.5	0.750	19.1	500
13SP193	13SP193B	0.194	4.9	0.375	9.5	0.813	20.7	500
13SP196	13SP196B	0.194	4.9	0.375	9.5	0.875	22.2	500
13SP199	13SP199B	0.194	4.9	0.375	9.5	0.938	23.8	500
13SP202	13SP202B	0.194	4.9	0.375	9.5	1.000	25.4	1000
13SP374	13SP374B	0.194	4.9	0.375	9.5	1.063	27.0	1000
13SP377	13SP377B	0.194	4.9	0.375	9.5	1.125	28.6	1000
13SP380	13SP380B	0.194	4.9	0.375	9.5	1.188	30.2	1000
13SP383	13SP383B	0.194	4.9	0.375	9.5	1.250	31.8	1000
13SP386	13SP386B	0.194	4.9	0.375	9.5	1.313	33.4	1000
13SP389	13SP389B	0.194	4.9	0.375	9.5	1.375	34.9	1000
13SP392	13SP392B	0.194	4.9	0.375	9.5	1.438	36.5	1000
13SP395	13SP395B	0.194	4.9	0.375	9.5	1.500	38.1	1000
13SP205	13SP205B	0.194	4.9	0.500	12.7	0.125	3.2	1000
13SP210	13SP210B	0.194	4.9	0.500	12.7	0.188	4.8	500
13SP215	13SP215B	0.194	4.9	0.500	12.7	0.250	6.4	1000
13SP220	13SP220B	0.194	4.9	0.500	12.7	0.313	8.0	500
13SP225	13SP225B	0.194	4.9	0.500	12.7	0.375	9.5	500
13RS050015	13RS050015B	0.194	4.9	0.500	12.7	0.406	10.3	500
13SP230	13SP230B	0.194	4.9	0.500	12.7	0.438	11.1	500
13SP235	13SP235B	0.194	4.9	0.500	12.7	0.500	12.7	1000
13SP240	13SP240B	0.194	4.9	0.500	12.7	0.563	14.3	1000
13SP245	13SP245B	0.194	4.9	0.500	12.7	0.625	15.9	500
13SP250	13SP250B	0.194	4.9	0.500	12.7	0.688	17.5	1000
13SP255	13SP255B	0.194	4.9	0.500	12.7	0.750	19.1	500
13SP260	13SP260B	0.194	4.9	0.500	12.7	0.813	20.7	1000
13SP265	13SP265B	0.194	4.9	0.500	12.7	0.875	22.2	1000
13SP270	13SP270B	0.194	4.9	0.500	12.7	0.938	23.8	1000
13SP275	13SP275B	0.194	4.9	0.500	12.7	1.000	25.4	500
13RS075074	13RS075074B	0.194	4.9	0.750	19.1	0.750	19.1	500
13RS025009	13RS025009B	0.195	5.0	0.250	6.4	0.195	5.0	1000
13RS027540	13RS027540B	0.195	5.0	0.275	7.0	0.400	10.2	1000
13RS031221	13RS031221B	0.195	5.0	0.312	7.9	0.214	5.4	1000
13RS031245	13RS031245B	0.195	5.0	0.312	7.9	0.355	9.0	1000
13RS031339	13RS031339B	0.195	5.0	0.313	8.0	0.385	9.8	1000
13RS048011	13RS048011B	0.195	5.0	0.472	12.0	0.377	9.6	1000
13RS050019	13RS050019B	0.195	5.0	0.500	12.7	0.451	11.5	500
13RS034002	13RS034002B	0.198	5.0	0.344	8.7	0.281	7.1	1000
13RS043722	13RS043722B	0.198	5.0	0.437	11.1	0.281	7.1	1000
13RS025066	13RS025066B	0.200	5.1	0.260	6.6	0.556	14.1	1000
13RS025062	13RS025062B	0.200	5.1	0.260	6.6	0.594	15.1	1000
13RS025063	13RS025063B	0.200	5.1	0.265	6.7	0.296	7.5	1000
13RS031215	13RS031215B	0.200	5.1	0.309	7.8	0.346	8.8	1000
13RS036033	13RS036033B	0.200	5.1	0.350	8.9	0.400	10.2	500
13RS040084	13RS040084B	0.200	5.1	0.420	10.7	0.500	12.7	500
13RS040087	13RS040087B	0.200	5.1	0.430	10.9	0.500	12.7	500
13RS075079	13RS075079B	0.200	5.1	0.750	19.1	1.000	25.4	250
13RS100038	13RS100038B	0.200	5.1	1.000	25.4	0.375	9.5	500
13RS125385	13RS125385B	0.200	5.1	1.250	31.8	0.380	9.7	250
13RS037548	13RS037548B	0.203	5.2	0.375	9.5	0.109	2.8	1000
13RS037547	13RS037547B	0.203	5.2	0.375	9.5	0.266	6.8	1000
13RS060550	13RS060550B	0.203	5.2	0.606	15.4	0.625	15.9	500
13RS075082	13RS075082B	0.203	5.2	0.750	19.1	0.100	2.5	500
13RS081262	13RS081262B	0.203	5.2	0.825	21.0	0.625	15.9	500
13RS025020	13RS025020B	0.205	5.2	0.250	6.4	0.230	5.8	1000

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RS025025	13RS025025B	0.205	5.2	0.250	6.4	0.245	6.2	1000
13RS031213	13RS031213B	0.205	5.2	0.312	7.9	0.160	4.1	1000
MSW1080A	—	0.205	5.2	0.394	10.0	0.197	5.0	1000
MSW1060A	—	0.205	5.2	0.394	10.0	0.591	15.0	1000
13RS062592	13RS062592B	0.205	5.2	0.630	16.0	0.984	25.0	500
13RS028035	13RS028035B	0.208	5.3	0.281	7.1	0.187	4.7	1000
13RS020033	13RS020033B	0.208	5.3	0.283	7.2	0.166	4.2	1000
—	13ME060*	0.209	5.3	0.394	10.0	0.118	3.0	1000
—	13ME061*	0.209	5.3	0.394	10.0	0.197	5.0	1000
—	13ME062*	0.209	5.3	0.394	10.0	0.295	7.5	1000
—	13ME063*	0.209	5.3	0.394	10.0	0.394	10.0	1000
—	13ME064*	0.209	5.3	0.394	10.0	0.591	15.0	500
—	13ME065*	0.209	5.3	0.394	10.0	0.787	20.0	1000
13RS061021	13RS061021B	0.210	5.3	0.375	9.5	0.610	15.5	500
13RS063052	13RS063052B	0.210	5.3	0.656	16.7	0.538	13.7	500
13RS050020	13RS050020B	0.213	5.4	0.500	12.7	0.250	6.4	500
13RS031255	13RS031255B	0.215	5.5	0.320	8.1	0.220	5.6	1000
13RS031248	13RS031248B	0.218	5.5	0.312	7.9	0.875	22.2	1000
13RS034006	13RS034006B	0.218	5.5	0.343	8.7	0.625	15.9	1000
13RSSR0068	13RSSR0068B	0.218	5.5	0.375	9.5	0.219	5.6	1000
13RSSR0073	13RSSR0073B	0.218	5.5	0.375	9.5	0.281	7.1	1000
13RSSR0077	13RSSR0077B	0.218	5.5	0.375	9.5	0.344	8.7	1000
13RSSR0082	13RSSR0082B	0.218	5.5	0.375	9.5	0.406	10.3	1000
13RS037521	13RS037521B	0.218	5.5	0.375	9.5	0.438	11.1	500
13RS037035	13RS037035B	0.218	5.5	0.375	9.5	0.469	11.9	1000
13RS031247	13RS031247B	0.219	5.6	0.313	8.0	0.813	20.7	1000
13RS037515	13RS037515B	0.219	5.6	0.375	9.5	0.156	4.0	1000
13RS037517	13RS037517B	0.219	5.6	0.375	9.5	0.172	4.4	1000
13RS037520	13RS037520B	0.219	5.6	0.375	9.5	0.203	5.2	1000
13RS043723	13RS043723B	0.219	5.6	0.438	11.1	0.375	9.5	1000
13SP206	13SP206B	0.219	5.6	0.500	12.7	0.125	3.2	1000
13SP211	13SP211B	0.219	5.6	0.500	12.7	0.188	4.8	500
13SP216	13SP216B	0.219	5.6	0.500	12.7	0.250	6.4	500
13SP226	13SP226B	0.219	5.6	0.500	12.7	0.375	9.5	1000
13SP231	13SP231B	0.219	5.6	0.500	12.7	0.438	11.1	1000
13SP236	13SP236B	0.219	5.6	0.500	12.7	0.500	12.7	500
13SP241	13SP241B	0.219	5.6	0.500	12.7	0.563	14.3	500
13SP246	13SP246B	0.219	5.6	0.500	12.7	0.625	15.9	1000
13RS050009	13RS050009B	0.219	5.6	0.500	12.7	0.649	16.5	500
13SP251	13SP251B	0.219	5.6	0.500	12.7	0.688	17.5	1000
13SP256	13SP256B	0.219	5.6	0.500	12.7	0.750	19.1	1000
13SP261	13SP261B	0.219	5.6	0.500	12.7	0.813	20.7	1000
13SP266	13SP266B	0.219	5.6	0.500	12.7	0.875	22.2	1000
13SP271	13SP271B	0.219	5.6	0.500	12.7	0.938	23.8	1000
13SP276	13SP276B	0.219	5.6	0.500	12.7	1.000	25.4	1000
13RS052002	13RS052002B	0.219	5.6	0.533	13.5	0.360	9.1	500
13RS037522	13RS037522B	0.220	5.6	0.375	9.5	0.375	9.5	1000
13RS044109	13RS044109B	0.220	5.6	0.438	11.1	0.406	10.3	500
13RS044128	13RS044128B	0.220	5.6	0.438	11.1	0.594	15.1	500
13RS044075	13RS044075B	0.220	5.6	0.438	11.1	0.750	19.1	500
13RS044087	13RS044087B	0.220	5.6	0.438	11.1	0.875	22.2	500
13RS044232	13RS044232B	0.220	5.6	0.438	11.1	1.563	39.7	250
13RS044150	13RS044150B	0.220	5.6	0.438	11.1	5.500	139.7	500
13RS050024	13RS050024B	0.220	5.6	0.500	12.7	0.135	3.4	500
13SP221	13SP221B	0.220	5.6	0.500	12.7	0.313	8.0	500
13RS039344	13RS039344B	0.221	5.6	0.394	10.0	0.984	25.0	500
13RS028440	13RS028440B	0.224	5.7	0.284	7.2	0.400	10.2	1000
13RS031222	13RS031222B	0.225	5.7	0.309	7.8	0.280	7.1	1000
13RS031258	13RS031258B	0.225	5.7	0.312	7.9	0.438	11.1	1000
13RS037525	13RS037525B	0.225	5.7	0.375	9.5	0.250	6.4	1000
13RS031226	13RS031226B	0.228	5.8	0.313	8.0	0.260	6.6	1000
13RS037599	13RS037599B	0.230	5.8	0.375	9.5	0.925	23.5	500
13RS059033	13RS059033B	0.236	6.0	0.590	15.0	0.310	7.9	500
13RS050011	13RS050011B	0.244	6.2	0.500	12.7	0.295	7.5	500
13RS056256	13RS056256B	0.245	6.2	0.555	14.1	0.563	14.3	500
13RS075035	13RS075035B	0.245	6.2	0.750	19.1	0.361	9.2	500
13RS031230	13RS031230B	0.246	6.2	0.312	7.9	0.250	6.4	1000
—	13RS031250B	0.246	6.2	0.312	7.9	0.495	12.6	500
13RS037441	13RS037441B	0.248	6.3	0.374	9.5	0.406	10.3	1000
13RS039343	13RS039343B	0.248	6.3	0.394	10.0	0.433	11.0	1000
MSW1100C	—	0.248	6.3	0.591	15.0	0.299	7.6	1000
MSW1110A	—	0.248	6.3	0.591	15.0	0.394	10.0	1000

THROUGH SPACERS

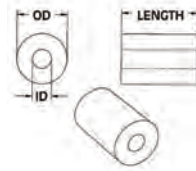
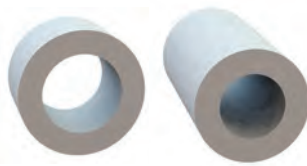
13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RS094550	13RS094550B	0.248	6.3	0.946	24.0	0.500	12.7	250
—	13ME068*	0.248	6.3	0.394	10.0	0.118	3.0	1000
—	13ME069*	0.248	6.3	0.394	10.0	0.197	5.0	1000
—	13ME070*	0.248	6.3	0.394	10.0	0.295	7.5	1000
—	13ME071*	0.248	6.3	0.394	10.0	0.394	10.0	1000
—	13ME072*	0.248	6.3	0.394	10.0	0.591	15.0	500
—	13ME073*	0.248	6.3	0.394	10.0	0.787	20.0	500
—	13ME074*	0.248	6.3	0.394	10.0	0.984	25.0	1000
—	13ME132*	0.248	6.3	0.394	10.0	1.102	28.0	1000
—	13ME075*	0.248	6.3	0.394	10.0	1.181	30.0	500
13RS050014	13RS050014B	0.249	6.3	0.501	12.7	0.390	9.9	500
13RS030501	13RS030501B	0.250	6.4	0.303	7.7	0.312	7.9	1000
13RS031260	13RS031260B	0.250	6.4	0.313	8.0	0.630	16.0	1000
13RS037559	13RS037559B	0.250	6.4	0.375	9.5	0.593	15.1	500
13RS037558	13RS037558B	0.250	6.4	0.375	9.5	0.630	16.0	1000
13RS037574	13RS037574B	0.250	6.4	0.375	9.5	0.859	21.8	500
13RS038037	13RS038037B	0.250	6.4	0.380	9.7	0.440	11.2	1000
13RS039000	13RS039000B	0.250	6.4	0.390	9.9	0.300	7.6	1000
13RS043724	13RS043724B	0.250	6.4	0.438	11.1	0.394	10.0	500
13RS043725	13RS043725B	0.250	6.4	0.438	11.1	0.591	15.0	500
13RSSR0254	13RSSR0254B	0.250	6.4	0.500	12.7	1.250	31.8	500
13RS050099	13RS050099B	0.250	6.4	0.500	12.7	1.250	54.0	250
13RS050000	13RS050000B	0.250	6.4	0.500	12.7	3.000	76.2	250
13RS063546	13RS063546B	0.250	6.4	0.535	13.6	0.610	15.5	500
13RS060551	13RS060551B	0.250	6.4	0.602	15.3	0.622	15.8	500
13RS062530	13RS062530B	0.250	6.4	0.610	15.5	0.375	9.5	1000
13RS062589	13RS062589B	0.250	6.4	0.625	15.9	0.500	12.7	500
13RS062587	13RS062587B	0.250	6.4	0.625	15.9	0.625	15.9	500
13RSSR0170	13RSSR0170B	0.250	6.4	0.625	15.9	0.875	22.2	500
13RS062586	13RS062586B	0.250	6.4	0.625	15.9	1.000	25.4	500
13RS062585	13RS062585B	0.250	6.4	0.625	15.9	1.500	38.1	500
13RS075020	13RS075020B	0.250	6.4	0.740	18.8	0.250	6.4	500
SWI1610A	—	0.250	6.4	0.740	18.8	0.250	6.4	5000
13RS075037	13RS075037B	0.250	6.4	0.745	18.9	0.375	9.5	500
13RS075033	13RS075033B	0.250	6.4	0.750	19.1	0.188	4.8	500
13RS075048	13RS075048B	0.250	6.4	0.750	19.1	0.500	12.7	500
13RS075052	13RS075052B	0.250	6.4	0.750	19.1	0.878	22.3	250
13RS087046	13RS087046B	0.250	6.4	0.866	22.0	0.394	10.0	500
13RS100012	13RS100012B	0.250	6.4	1.000	25.4	0.125	3.2	1000
13RS100018	13RS100018B	0.250	6.4	1.000	25.4	0.188	4.8	500
13RS100030	13RS100030B	0.250	6.4	1.000	25.4	0.225	5.7	500
13RS100021	13RS100021B	0.250	6.4	1.000	25.4	0.250	6.4	500
13RS100026	13RS100026B	0.250	6.4	1.000	25.4	0.438	11.1	500
13RS162592	13RS162592B	0.250	6.4	1.062	27.0	0.280	7.1	250
13RS100057	13RS100057B	0.250	6.4	1.180	30.0	0.217	5.5	500
13RS187510	13RS187510B	0.250	6.4	1.860	47.2	1.000	25.4	250
13RS038930	13RS038930B	0.251	6.4	0.389	9.9	0.125	3.2	1000
13RS087550	13RS087550B	0.251	6.4	0.875	22.2	0.625	15.9	250
13RS036032	13RS036032B	0.252	6.4	0.360	9.1	0.425	10.8	1000
13RSSR0064	13RSSR0064B	0.252	6.4	0.375	9.5	0.156	4.0	1000
13RS037518	13RS037518B	0.252	6.4	0.375	9.5	0.188	4.8	1000
13RSSR0069	13RSSR0069B	0.252	6.4	0.375	9.5	0.219	5.6	1000
13RSSR0074	13RSSR0074B	0.252	6.4	0.375	9.5	0.281	7.1	1000
13RSSR0078	13RSSR0078B	0.252	6.4	0.375	9.5	0.344	8.7	1000
13RS037550	13RS037550B	0.252	6.4	0.375	9.5	0.375	9.5	1000
13RSSR0083	13RSSR0083B	0.252	6.4	0.375	9.5	0.406	10.3	1000
13RSSR0088	13RSSR0088B	0.252	6.4	0.375	9.5	0.469	11.9	1000
13RS037516	13RS037516B	0.252	6.4	0.375	9.5	0.820	20.8	1000
13RS046060	13RS046060B	0.252	6.4	0.460	11.7	0.563	14.3	1000
MSW1160A	—	0.252	6.4	0.500	12.7	0.500	12.7	1000
13RS050001	13RS050001B	0.252	6.4	0.500	12.7	2.500	63.5	250
13RSSR0140	13RSSR0140B	0.252	6.4	0.625	15.9	0.250	6.4	500
13RSSR0144	13RSSR0144B	0.252	6.4	0.625	15.9	0.312	7.9	500
13RSSR0148	13RSSR0148B	0.252	6.4	0.625	15.9	0.375	9.5	500
13RSSR0152	13RSSR0152B	0.252	6.4	0.625	15.9	0.437	11.1	500
13RSSR0156	13RSSR0156B	0.252	6.4	0.625	15.9	0.500	12.7	500
13RSSR0159	13RSSR0159B	0.252	6.4	0.625	15.9	0.563	14.3	500
13RSSR0163	13RSSR0163B	0.252	6.4	0.625	15.9	0.625	15.9	500
13RSSR0166	13RSSR0166B	0.252	6.4	0.625	15.9	0.750	19.1	500
13RSSR0174	13RSSR0174B	0.252	6.4	0.625	15.9	1.000	25.4	500
13RSSR0178	13RSSR0178B	0.252	6.4	0.625	15.9	1.125	28.6	500
13RSSR0182	13RSSR0182B	0.252	6.4	0.625	15.9	1.250	31.8	500
13RSSR0186	13RSSR0186B	0.252	6.4	0.625	15.9	1.375	34.9	500

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RSSR0190	13RSSR0190B	0.252	6.4	0.625	15.9	1.500	38.1	500
13RSSR0194	13RSSR0194B	0.252	6.4	0.625	15.9	1.750	44.5	500
13RSSR0198	13RSSR0198B	0.252	6.4	0.625	15.9	2.000	50.8	500
MSW1190A	—	0.252	6.4	0.709	18.0	0.079	2.0	1000
13RS031001	13RS031001B	0.253	6.4	0.303	7.7	0.245	6.2	1000
13RS031002	13RS031002B	0.253	6.4	0.303	7.7	0.420	10.7	1000
SWI1620A	—	0.253	6.4	0.500	12.7	0.125	3.2	15000
13RS037031	13RS037031B	0.254	6.5	0.375	9.5	0.453	11.5	1000
13RS038039	13RS038039B	0.254	6.5	0.385	9.8	0.240	6.1	1000
13RS062517	13RS062517B	0.254	6.5	0.621	15.8	0.652	16.6	500
13RS034004	13RS034004B	0.255	6.5	0.355	9.0	0.130	3.3	1000
13RS035540	13RS035540B	0.255	6.5	0.355	9.0	0.725	18.4	1000
13RS037537	13RS037537B	0.255	6.5	0.374	9.5	0.511	13.0	1000
13RS037536	13RS037536B	0.255	6.5	0.375	9.5	0.330	8.4	500
13RS037538	13RS037538B	0.255	6.5	0.375	9.5	0.380	9.7	1000
13RS037571	13RS037571B	0.255	6.5	0.375	9.5	0.700	17.8	1000
13RS038931	13RS038931B	0.255	6.5	0.389	9.9	0.132	3.4	1000
13RSSR0321	13RSSR0321B	0.255	6.5	0.625	15.9	2.250	57.2	250
13RSSR0325	13RSSR0325B	0.255	6.5	0.625	15.9	2.500	63.5	250
13RSSR0329	13RSSR0329B	0.255	6.5	0.625	15.9	2.750	69.9	250
13RSSR0333	13RSSR0333B	0.255	6.5	0.625	15.9	3.000	76.2	250
13RS075013	13RS075013B	0.255	6.5	0.750	19.1	0.290	7.4	500
13RS125082	13RS125082B	0.255	6.5	1.250	31.8	0.531	13.5	250
13RS042701	13RS042701B	0.256	6.5	0.433	11.0	0.220	5.6	1000
13RS057035	13RS057035B	0.256	6.5	0.591	15.0	0.335	8.5	500
—	13ME076*	0.256	6.5	0.591	15.0	0.118	3.0	500
—	13ME077*	0.256	6.5	0.591	15.0	0.197	5.0	500
—	13ME078*	0.256	6.5	0.591	15.0	0.295	7.5	500
—	13ME079*	0.256	6.5	0.591	15.0	0.394	10.0	1000
—	13ME080*	0.256	6.5	0.591	15.0	0.591	15.0	1000
—	13ME081*	0.256	6.5	0.591	15.0	0.787	20.0	1000
—	13ME083*	0.256	6.5	0.591	15.0	1.181	30.0	500
13RS031259	13RS031259B	0.257	6.5	0.320	8.1	0.505	12.8	1000
13RS037523	13RS037523B	0.257	6.5	0.375	9.5	0.250	6.4	1000
13RS037585	13RS037585B	0.257	6.5	0.375	9.5	1.250	31.8	500
13RS048016	13RS048016B	0.257	6.5	0.480	12.2	0.188	4.8	500
13RS050018	13RS050018B	0.257	6.5	0.500	12.7	0.234	5.9	500
13SP222	13SP222B	0.257	6.5	0.500	12.7	0.313	8.0	500
13SP227	13SP227B	0.257	6.5	0.500	12.7	0.375	9.5	500
13RS050045	13RS050045B	0.257	6.5	0.500	12.7	0.406	10.3	500
13SP232	13SP232B	0.257	6.5	0.500	12.7	0.438	11.1	500
13SP237	13SP237B	0.257	6.5	0.500	12.7	0.500	12.7	1000
13SP242	13SP242B	0.257	6.5	0.500	12.7	0.563	14.3	500
13SP247	13SP247B	0.257	6.5	0.500	12.7	0.625	15.9	1000
13SP252	13SP252B	0.257	6.5	0.500	12.7	0.688	17.5	1000
13SP272	13SP272B	0.257	6.5	0.500	12.7	0.938	23.8	500
13SP277	13SP277B	0.257	6.5	0.500	12.7	1.000	25.4	500
13RSSR0364	13RSSR0364B	0.257	6.5	0.500	12.7	1.438	36.5	250
13RS062580	13RS062580B	0.257	6.5	0.625	15.9	0.125	3.2	500
13RS081263	13RS081263B	0.257	6.5	0.825	21.0	0.370	9.4	500
13RS075025	13RS075025B	0.258	6.6	0.750	19.1	0.438	11.1	500
13RS030500	13RS030500B	0.260	6.6	0.305	7.7	0.179	4.5	1000
13SP207	13SP207B	0.260	6.6	0.500	12.7	0.125	3.2	1000
13SP212	13SP212B	0.260	6.6	0.500	12.7	0.188	4.8	1000
13SP217	13SP217B	0.260	6.6	0.500	12.7	0.250	6.4	500
13RS050022	13RS050022B	0.260	6.6	0.500	12.7	0.250	6.4	1000
13SP257	13SP257B	0.260	6.6	0.500	12.7	0.750	19.1	1000
13SP262	13SP262B	0.260	6.6	0.500	12.7	0.813	20.7	1000
13SP267	13SP267B	0.260	6.6	0.500	12.7	0.875	22.2	1000
13RS050096	13RS050096B	0.260	6.6	0.500	12.7	1.375	34.9	500
13RS050088	13RS050088B	0.260	6.6	0.500	12.7	1.625	41.3	500
13RS062531	13RS062531B	0.260	6.6	0.625	15.9	0.250	6.4	500
13RS068711	13RS068711B	0.260	6.6	0.687	17.4	0.457	11.6	500
13RS075026	13RS075026B	0.260	6.6	0.750	19.1	0.375	9.5	500
13RS075080	13RS075080B	0.260	6.6	0.750	19.1	0.500	12.7	500
13RS075065	13RS075065B	0.260	6.6	0.750	19.1	0.563	14.3	500
13RS075016	13RS075016B	0.260	6.6	0.750	19.1	0.591	15.0	500
13RS075042	13RS075042B	0.260	6.6	0.750	19.1	0.625	15.9	500
13RS075012	13RS075012B	0.260	6.6	0.750	19.1	0.758	19.3	500
13RS075051	13RS075051B	0.260	6.6	0.750	19.1	1.000	25.4	250
13RS100014	13RS100014B	0.260	6.6	1.000	25.4	0.375	9.5	500
13RS073030	13RS073030B	0.263	6.7	0.730	18.5	0.295	7.5	500
13RS036030	13RS036030B	0.265	6.7	0.358	9.1	0.236	6.0	1000

THROUGH SPACERS

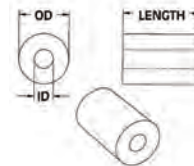
13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RS037030	13RS037030B	0.265	6.7	0.370	9.4	0.156	4.0	1000
13RS037020	13RS037020B	0.265	6.7	0.370	9.4	0.225	5.7	1000
13RS037029	13RS037029B	0.265	6.7	0.370	9.4	0.360	9.1	1000
13RS037542	13RS037542B	0.265	6.7	0.375	9.5	0.250	6.4	1000
13RS037552	13RS037552B	0.265	6.7	0.375	9.5	0.375	9.5	1000
13RS037565	13RS037565B	0.265	6.7	0.375	9.5	0.500	12.7	1000
13RS037590	13RS037590B	0.265	6.7	0.375	9.5	0.750	19.1	500
13RS037575	13RS037575B	0.265	6.7	0.375	9.5	0.875	22.2	500
13RS037580	13RS037580B	0.265	6.7	0.375	9.5	1.000	25.4	1000
13RS037511	13RS037511B	0.265	6.7	0.375	9.5	1.500	38.1	1000
13RS040636	13RS040636B	0.265	6.7	0.406	10.3	0.562	14.3	500
13RS040637	13RS040637B	0.265	6.7	0.406	10.3	0.625	15.9	500
13RS040670	13RS040670B	0.265	6.7	0.406	10.3	0.750	19.1	1000
13RS040685	13RS040685B	0.265	6.7	0.406	10.3	1.000	25.4	500
13RS050016	13RS050016B	0.265	6.7	0.500	12.7	0.156	4.0	500
13RS050017	13RS050017B	0.265	6.7	0.500	12.7	0.200	5.1	1000
13RS087551	13RS087551B	0.265	6.7	0.875	22.2	0.156	4.0	1000
13RS087542	13RS087542B	0.265	6.7	0.875	22.2	0.250	6.4	500
13RS087540	13RS087540B	0.265	6.7	0.875	22.2	0.375	9.5	500
13RS087556	13RS087556B	0.265	6.7	0.875	22.2	0.750	19.1	250
13RS100016	13RS100016B	0.265	6.7	1.000	25.4	0.188	4.8	500
13RS075028	13RS075028B	0.266	6.8	0.750	19.1	0.313	8.0	1000
13RS075085	13RS075085B	0.266	6.8	0.750	19.1	0.417	10.6	1000
13RS125750	13RS125750B	0.266	6.8	1.250	31.8	0.750	19.1	250
13RS040660	13RS040660B	0.267	6.8	0.406	10.3	0.500	12.7	500
13RS040630	13RS040630B	0.269	6.8	0.406	10.3	0.250	6.4	1000
13RS040631	13RS040631B	0.269	6.8	0.406	10.3	0.305	7.7	1000
13RS040632	13RS040632B	0.269	6.8	0.406	10.3	0.424	10.8	1000
13RS051002	13RS051002B	0.271	6.9	0.510	13.0	0.232	5.9	500
13RS031261	13RS031261B	0.272	6.9	0.329	8.4	0.312	7.9	1000
13RS037526	13RS037526B	0.273	6.9	0.375	9.5	0.547	13.9	1000
13RS062581	13RS062581B	0.275	7.0	0.625	15.9	0.250	6.4	500
13RS034005	13RS034005B	0.279	7.1	0.340	8.6	0.278	7.1	1000
13RS034001	13RS034001B	0.280	7.1	0.340	8.6	0.310	7.9	1000
13RS034003	13RS034003B	0.280	7.1	0.340	8.6	0.500	12.7	1000
13RS040675	13RS040675B	0.280	7.1	0.406	10.3	0.375	9.5	1000
13RS060333	13RS060333B	0.280	7.1	0.560	14.2	0.500	12.7	1000
13RS062528	13RS062528B	0.280	7.1	0.625	15.9	0.438	11.1	1000
13RS065830	13RS065830B	0.280	7.1	0.648	16.5	0.359	9.1	500
13RS075010	13RS075010B	0.280	7.1	0.750	19.1	0.440	11.2	500
13RS087555	13RS087555B	0.280	7.1	0.875	22.2	0.500	12.7	250
13RS034008	13RS034008B	0.281	7.1	0.343	8.7	0.312	7.9	1000
13RS050085	13RS050085B	0.281	7.1	0.500	12.7	0.375	9.5	500
13RS050023	13RS050023B	0.281	7.1	0.500	12.7	0.813	20.7	500
13RS051063	13RS051063B	0.281	7.1	0.500	12.7	0.875	22.2	500
13RS056337	13RS056337B	0.281	7.1	0.563	14.3	0.375	9.5	500
13RS062550	13RS062550B	0.281	7.1	0.613	15.6	0.500	12.7	500
13RS062560	13RS062560B	0.281	7.1	0.615	15.6	0.813	20.7	500
13RS062532	13RS062532B	0.281	7.1	0.625	15.9	0.562	14.3	500
13RS112028	13RS112028B	0.281	7.1	1.120	28.4	0.438	11.1	250
13RS125074	13RS125074B	0.281	7.1	1.250	31.8	0.310	7.9	250
13RS038035	13RS038035B	0.285	7.2	0.385	9.8	0.325	8.3	1000
13RS040088	13RS040088B	0.285	7.2	0.430	10.9	0.350	8.9	1000
13RS040082	13RS040082B	0.285	7.2	0.430	10.9	0.400	10.2	500
13RS050063	13RS050063B	0.285	7.2	0.500	12.7	0.630	16.0	500
13RS050093	13RS050093B	0.285	7.2	0.500	12.7	0.930	23.6	500
13RS098528	13RS098528B	0.285	7.2	0.985	25.0	0.250	6.4	500
13RS037032	13RS037032B	0.288	7.3	0.372	9.4	0.969	24.6	1000
13RS034007	13RS034007B	0.290	7.4	0.348	8.8	0.312	7.9	1000
13RS125500	13RS125500B	0.307	7.8	1.240	31.5	0.500	12.7	250
13RS124000	13RS124000B	0.307	7.8	1.240	31.5	0.750	19.1	250
13RS050048	13RS050048B	0.310	7.9	0.500	12.7	0.463	11.8	500
13RS075043	13RS075043B	0.310	7.9	0.740	18.8	0.437	11.1	500
13RS040671	13RS040671B	0.311	7.9	0.406	10.3	0.591	15.0	500
13RS062331	13RS062331B	0.311	7.9	0.623	15.8	0.813	20.7	500
13RS036034	13RS036034B	0.312	7.9	0.363	9.2	0.312	7.9	1000
13RS043726	13RS043726B	0.312	7.9	0.437	11.1	0.350	8.9	1000
13RS050028	13RS050028B	0.312	7.9	0.500	12.7	0.156	4.0	500
13RS050066	13RS050066B	0.312	7.9	0.500	12.7	0.540	13.7	500
13RS050046	13RS050046B	0.312	7.9	0.500	12.7	1.313	33.4	500
13RS057033	13RS057033B	0.312	7.9	0.589	15.0	0.310	7.9	500
13RS062541	13RS062541B	0.312	7.9	0.625	15.9	0.500	12.7	1000
13RS062516	13RS062516B	0.312	7.9	0.625	15.9	0.750	19.1	500

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RS075049	13RS075049B	0.312	7.9	0.750	19.1	0.250	6.4	500
13RS075036	13RS075036B	0.312	7.9	0.750	19.1	0.938	23.8	500
13RS081222	13RS081222B	0.312	7.9	0.812	20.6	0.125	3.2	500
13RS125250	13RS125250B	0.312	7.9	1.240	31.5	0.250	6.4	250
13RS061731	13RS061731B	0.313	8.0	0.617	15.7	0.688	17.5	500
13RS075027	13RS075027B	0.313	8.0	0.750	19.1	0.563	14.3	500
13RS098551	13RS098551B	0.313	8.0	1.000	25.4	0.250	6.4	500
13RS100035	13RS100035B	0.313	8.0	1.000	25.4	0.500	12.7	500
13RS037034	13RS037034B	0.314	8.0	0.372	9.4	0.449	11.4	1000
13RS046823	13RS046823B	0.314	8.0	0.468	11.9	0.230	5.8	1000
13RS059031	13RS059031B	0.314	8.0	0.590	15.0	0.359	9.1	500
13RS037033	13RS037033B	0.315	8.0	0.375	9.5	0.162	4.1	1000
13RSSR0089	13RSSR0089B	0.315	8.0	0.500	12.7	0.125	3.2	500
13RSSR0091	13RSSR0091B	0.315	8.0	0.500	12.7	0.188	4.8	500
13RSSR0093	13RSSR0093B	0.315	8.0	0.500	12.7	0.250	6.4	500
13RS050072	13RS050072B	0.315	8.0	0.500	12.7	0.312	7.9	500
13RSSR0095	13RSSR0095B	0.315	8.0	0.500	12.7	0.312	7.9	500
13RSSR0097	13RSSR0097B	0.315	8.0	0.500	12.7	0.375	9.5	500
13RSSR0099	13RSSR0099B	0.315	8.0	0.500	12.7	0.437	11.1	500
13RSSR0101	13RSSR0101B	0.315	8.0	0.500	12.7	0.500	12.7	500
13RSSR0103	13RSSR0103B	0.315	8.0	0.500	12.7	0.563	14.3	500
13RSSR0105	13RSSR0105B	0.315	8.0	0.500	12.7	0.625	15.9	500
13RSSR0107	13RSSR0107B	0.315	8.0	0.500	12.7	0.688	17.5	500
13RSSR0109	13RSSR0109B	0.315	8.0	0.500	12.7	0.750	19.1	500
13RSSR0111	13RSSR0111B	0.315	8.0	0.500	12.7	0.813	20.7	500
13RSSR0113	13RSSR0113B	0.315	8.0	0.500	12.7	0.875	22.2	500
13RSSR0115	13RSSR0115B	0.315	8.0	0.500	12.7	0.938	23.8	500
13RSSR0117	13RSSR0117B	0.315	8.0	0.500	12.7	1.000	25.4	500
13RSSR0119	13RSSR0119B	0.315	8.0	0.500	12.7	1.062	27.0	500
13RSSR0121	13RSSR0121B	0.315	8.0	0.500	12.7	1.125	28.6	500
13RSSR0123	13RSSR0123B	0.315	8.0	0.500	12.7	1.188	30.2	500
13RSSR0125	13RSSR0125B	0.315	8.0	0.500	12.7	1.250	31.8	500
13RSSR0127	13RSSR0127B	0.315	8.0	0.500	12.7	1.312	33.3	500
13RSSR0129	13RSSR0129B	0.315	8.0	0.500	12.7	1.375	34.9	500
13RSSR0131	13RSSR0131B	0.315	8.0	0.500	12.7	1.437	36.5	500
13RSSR0133	13RSSR0133B	0.315	8.0	0.500	12.7	1.500	38.1	500
13RSSR0135	13RSSR0135B	0.315	8.0	0.500	12.7	1.750	44.5	500
13RSSR0137	13RSSR0137B	0.315	8.0	0.500	12.7	2.000	50.8	500
13RSSR0141	13RSSR0141B	0.315	8.0	0.625	15.9	0.250	6.4	500
13RS062547	13RS062547B	0.315	8.0	0.625	15.9	0.312	7.9	500
13RSSR0145	13RSSR0145B	0.315	8.0	0.625	15.9	0.312	7.9	500
13RSSR0149	13RSSR0149B	0.315	8.0	0.625	15.9	0.375	9.5	500
13RSSR0153	13RSSR0153B	0.315	8.0	0.625	15.9	0.437	11.1	500
13RSSR0160	13RSSR0160B	0.315	8.0	0.625	15.9	0.563	14.3	500
13RSSR0164	13RSSR0164B	0.315	8.0	0.625	15.9	0.625	15.9	500
13RSSR0167	13RSSR0167B	0.315	8.0	0.625	15.9	0.750	19.1	500
13RSSR0171	13RSSR0171B	0.315	8.0	0.625	15.9	0.875	22.2	500
13RSSR0175	13RSSR0175B	0.315	8.0	0.625	15.9	1.000	25.4	500
13RSSR0179	13RSSR0179B	0.315	8.0	0.625	15.9	1.125	28.6	500
13RSSR0183	13RSSR0183B	0.315	8.0	0.625	15.9	1.250	31.8	500
13RSSR0187	13RSSR0187B	0.315	8.0	0.625	15.9	1.375	34.9	500
13RSSR0191	13RSSR0191B	0.315	8.0	0.625	15.9	1.500	38.1	500
13RSSR0195	13RSSR0195B	0.315	8.0	0.625	15.9	1.750	44.5	500
13RSSR0199	13RSSR0199B	0.315	8.0	0.625	15.9	2.000	50.8	500
13RSSR0322	13RSSR0322B	0.315	8.0	0.625	15.9	2.250	57.2	250
13RSSR0326	13RSSR0326B	0.315	8.0	0.625	15.9	2.500	63.5	250
13RSSR0330	13RSSR0330B	0.315	8.0	0.625	15.9	2.750	69.9	250
13RS075031	13RS075031B	0.315	8.0	0.750	19.1	0.187	4.7	500
13RS075024	13RS075024B	0.315	8.0	0.750	19.1	0.313	8.0	1000
13RSSR0201	13RSSR0201B	0.315	8.0	0.750	19.1	0.375	9.5	1000
13RSSR0206	13RSSR0206B	0.315	8.0	0.750	19.1	0.625	15.9	500
13RS075008	13RS075008B	0.315	8.0	0.750	19.1	0.875	22.2	500
13RSSR0211	13RSSR0211B	0.315	8.0	0.750	19.1	0.875	22.2	500
13RSSR0214	13RSSR0214B	0.315	8.0	0.750	19.1	1.000	25.4	250
13RS075073	13RS075073B	0.315	8.0	0.750	19.1	1.250	31.8	250
13RSSR0217	13RSSR0217B	0.315	8.0	0.750	19.1	1.250	31.8	250
13RSSR0220	13RSSR0220B	0.315	8.0	0.750	19.1	1.500	38.1	250
13RSSR0223	13RSSR0223B	0.315	8.0	0.750	19.1	1.750	44.5	250
13RSSR0226	13RSSR0226B	0.315	8.0	0.750	19.1	2.000	50.8	250
13RSSR0336	13RSSR0336B	0.315	8.0	0.750	19.1	2.250	57.2	250
13RSSR0339	13RSSR0339B	0.315	8.0	0.750	19.1	2.500	63.5	250
13RSSR0342	13RSSR0342B	0.315	8.0	0.750	19.1	2.750	69.9	250
13RSSR0345	13RSSR0345B	0.315	8.0	0.750	19.1	3.000	76.2	250

THROUGH SPACERS

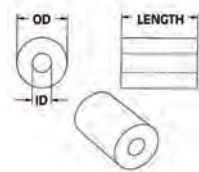
13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RS087532	13RS087532B	0.315	8.0	0.875	22.2	0.438	11.1	500
13RS087532	13RS087532B	0.315	8.0	0.875	22.2	0.438	11.1	500
13RS119600	13RS119600B	0.315	8.0	1.190	30.2	0.600	15.2	250
13RS036031	13RS036031B	0.316	8.0	0.360	9.1	0.250	6.4	1000
13RS050071	13RS050071B	0.316	8.0	0.500	12.7	0.234	5.9	500
13RS050070	13RS050070B	0.316	8.0	0.500	12.7	0.500	12.7	500
13RS087544	13RS087544B	0.316	8.0	0.875	22.2	0.875	22.2	500
13RS043730	13RS043730B	0.318	8.1	0.437	11.1	0.150	3.8	1000
13RS043728	13RS043728B	0.318	8.1	0.437	11.1	0.281	7.1	1000
13RS056718	13RS056718B	0.318	8.1	0.567	14.4	0.547	13.9	1000
13RS059032	13RS059032B	0.319	8.1	0.590	15.0	0.655	16.6	1000
13RS038038	13RS038038B	0.320	8.1	0.380	9.7	0.382	9.7	1000
13RS039459	13RS039459B	0.320	8.1	0.395	10.0	0.591	15.0	500
13RS041500	13RS041500B	0.320	8.1	0.415	10.5	0.640	16.3	500
13RS048018	13RS048018B	0.320	8.1	0.455	11.6	0.512	13.0	500
13RS048421	13RS048421B	0.320	8.1	0.486	12.3	0.375	9.5	500
13RS050010	13RS050010B	0.320	8.1	0.500	12.7	0.270	6.9	500
13RS050029	13RS050029B	0.320	8.1	0.500	12.7	0.320	8.1	500
13RS051062	13RS051062B	0.320	8.1	0.510	13.0	0.875	22.2	1000
13RS057032	13RS057032B	0.320	8.1	0.570	14.5	0.547	13.9	500
13RS062513	13RS062513B	0.320	8.1	0.625	15.9	0.375	9.5	500
13RS075009	13RS075009B	0.320	8.1	0.750	19.1	0.500	12.7	500
13RS075062	13RS075062B	0.320	8.1	0.750	19.1	0.625	15.9	500
13RS075075	13RS075075B	0.320	8.1	0.750	19.1	0.750	19.1	250
13RS075076	13RS075076B	0.320	8.1	0.750	19.1	1.000	25.4	250
MSW1220A	—	0.323	8.2	0.472	12.0	0.394	10.0	1000
13RS048017	13RS048017B	0.323	8.2	0.472	12.0	0.492	12.5	1000
MSW1230A	—	0.323	8.2	0.472	12.0	0.984	25.0	500
13RS062515	13RS062515B	0.323	8.2	0.620	15.7	0.156	4.0	1000
13RS062013	13RS062013B	0.323	8.2	0.620	15.7	0.281	7.1	500
MSW1250A	—	0.323	8.2	0.709	18.0	0.787	20.0	1000
13RS075040	13RS075040B	0.323	8.2	0.750	19.1	0.250	6.4	500
13RS081226	13RS081226B	0.323	8.2	0.805	20.4	0.500	12.7	500
13RS043727	13RS043727B	0.325	8.3	0.438	11.1	0.422	10.7	1000
13RS045040	13RS045040B	0.325	8.3	0.450	11.4	0.422	10.7	500
13RS050012	13RS050012B	0.325	8.3	0.500	12.7	0.672	17.1	1000
13RS053545	13RS053545B	0.325	8.3	0.540	13.7	0.475	12.1	500
13RS060552	13RS060552B	0.325	8.3	0.600	15.2	0.421	10.7	500
13RS061019	13RS061019B	0.325	8.3	0.615	15.6	0.813	20.7	500
13RS087541	13RS087541B	0.325	8.3	0.875	22.2	0.250	6.4	1000
13RS064057	13RS064057B	0.327	8.3	0.640	16.3	0.560	14.2	500
13RS075087	13RS075087B	0.327	8.3	0.750	19.1	0.188	4.8	500
—	13ME084*	0.327	8.3	0.472	12.0	0.118	3.0	500
—	13ME085*	0.327	8.3	0.472	12.0	0.197	5.0	1000
—	13ME086*	0.327	8.3	0.472	12.0	0.295	7.5	500
—	13ME087*	0.327	8.3	0.472	12.0	0.394	10.0	500
—	13ME088*	0.327	8.3	0.472	12.0	0.591	15.0	1000
—	13ME089*	0.327	8.3	0.472	12.0	0.787	20.0	1000
—	13ME091*	0.327	8.3	0.472	12.0	1.181	30.0	500
—	13ME092*	0.327	8.3	0.709	18.0	0.118	3.0	500
—	13ME093*	0.327	8.3	0.709	18.0	0.197	5.0	500
—	13ME094*	0.327	8.3	0.709	18.0	0.295	7.5	1000
—	13ME095*	0.327	8.3	0.709	18.0	0.394	10.0	1000
—	13ME096*	0.327	8.3	0.709	18.0	0.591	15.0	500
—	13ME097*	0.327	8.3	0.709	18.0	0.787	20.0	500
—	13ME098*	0.327	8.3	0.709	18.0	0.984	25.0	1000
—	13ME099*	0.327	8.3	0.709	18.0	1.181	30.0	250
13RS038034	13RS038034B	0.328	8.3	0.384	9.8	0.250	6.4	500
13RS038036	13RS038036B	0.328	8.3	0.384	9.8	0.312	7.9	1000
13RS050050	13RS050050B	0.328	8.3	0.500	12.7	1.000	25.4	500
13RS061020	13RS061020B	0.328	8.3	0.615	15.6	0.438	11.1	1000
13RS062527	13RS062527B	0.328	8.3	0.625	15.9	0.250	6.4	500
13RS100033	13RS100033B	0.328	8.3	1.000	25.4	0.500	12.7	250
13RS098552	13RS098552B	0.328	8.3	1.000	25.4	1.000	25.4	500
13RS056656	13RS056656B	0.330	8.4	0.565	14.4	0.560	14.2	500
13RS087537	13RS087537B	0.330	8.4	0.875	22.2	0.375	9.5	500
13RS070082	13RS070082B	0.333	8.5	0.698	17.7	0.596	15.1	500
13RS050061	13RS050061B	0.335	8.5	0.500	12.7	0.209	5.3	500
13RS051003	13RS051003B	0.335	8.5	0.516	13.1	0.453	11.5	500
13RS070086	13RS070086B	0.335	8.5	0.700	17.8	0.866	22.0	500
SWI1840A	—	0.335	8.5	0.750	19.1	0.250	6.4	7400
13RS056034	13RS056034B	0.340	8.6	0.563	14.3	0.310	7.9	500

Item No.		ID		OD		Length		Bulk Pack
Natural	Black	in	mm	in	mm	in	mm	Qty
13RS056029	13RS056029B	0.340	8.6	0.563	14.3	0.590	15.0	500
13RS062594	13RS062594B	0.340	8.6	0.625	15.9	0.422	10.7	500
13RS062537	13RS062537B	0.342	8.7	0.625	15.9	0.375	9.5	500
13RS048420	13RS048420B	0.343	8.7	0.484	12.3	0.188	4.8	1000
13RS050040	13RS050040B	0.344	8.7	0.500	12.7	0.813	20.7	500
13RS075078	13RS075078B	0.344	8.7	0.750	19.1	0.250	6.4	500
13RS075050	13RS075050B	0.344	8.7	0.750	19.1	0.500	12.7	500
13RS100013	13RS100013B	0.344	8.7	0.990	25.1	0.313	8.0	500
13RS100015	13RS100015B	0.344	8.7	1.000	25.4	0.435	11.0	500
13RS031252	13RS031252B	0.345	8.8	0.480	12.2	0.188	4.8	1000
13RS062012	13RS062012B	0.350	8.9	0.620	15.7	0.188	4.8	500
13RS062591	13RS062591B	0.350	8.9	0.630	16.0	0.200	5.1	500
13RS066851	13RS066851B	0.350	8.9	0.670	17.0	0.200	5.1	500
13RS075060	13RS075060B	0.350	8.9	0.750	19.1	0.375	9.5	500
13RS098550	13RS098550B	0.352	8.9	0.980	24.9	0.500	12.7	250
13RS075055	13RS075055B	0.360	9.1	0.735	18.7	0.585	14.9	500
13RS100058	13RS100058B	0.366	9.3	0.984	25.0	0.375	9.5	500
13RS050047	13RS050047B	0.368	9.3	0.500	12.7	0.470	11.9	500
13RS075029	13RS075029B	0.370	9.4	0.750	19.1	0.344	8.7	500
13RS087535	13RS087535B	0.370	9.4	0.870	22.1	0.500	12.7	500
13RS062542	13RS062542B	0.373	9.5	0.630	16.0	0.462	11.7	500
13RS050041	13RS050041B	0.375	9.5	0.500	12.7	0.225	5.7	500
13RS050089	13RS050089B	0.375	9.5	0.500	12.7	0.380	9.7	500
13RS050082	13RS050082B	0.375	9.5	0.500	12.7	0.438	11.1	500
13RS050090	13RS050090B	0.375	9.5	0.500	12.7	0.625	15.9	1000
13RS050091	13RS050091B	0.375	9.5	0.500	12.7	0.635	16.1	500
13RS050094	13RS050094B	0.375	9.5	0.500	12.7	0.688	17.5	500
13RS050098	13RS050098B	0.375	9.5	0.500	12.7	0.938	23.8	500
13RS056031	13RS056031B	0.375	9.5	0.562	14.3	0.500	12.7	1000
13RS062582	13RS062582B	0.375	9.5	0.625	15.9	0.082	2.1	500
13RS062540	13RS062540B	0.375	9.5	0.625	15.9	0.375	9.5	1000
13RS062546	13RS062546B	0.375	9.5	0.625	15.9	0.462	11.7	1000
SWI1860A	—	0.375	9.5	0.750	19.1	0.065	1.7	10000
13RS075038	13RS075038B	0.375	9.5	0.750	19.1	0.343	8.7	500
13RS075081	13RS075081B	0.375	9.5	0.750	19.1	0.375	9.5	1000
13RS075066	13RS075066B	0.375	9.5	0.750	19.1	0.625	15.9	500
13RS087539	13RS087539B	0.375	9.5	0.875	22.2	0.312	7.9	500
13RS100555	13RS100555B	0.375	9.5	0.986	25.0	0.250	6.4	500
13RS100024	13RS100024B	0.375	9.5	1.000	25.4	0.250	6.4	500
13RS100054	13RS100054B	0.375	9.5	1.000	25.4	0.500	12.7	250
13RS100022	13RS100022B	0.375	9.5	1.000	25.4	0.800	20.3	500
SWI1910A	—	0.376	9.6	0.557	14.1	0.503	12.8	2000
13RS063050	13RS063050B	0.378	9.6	0.630	16.0	0.500	12.7	1000
13RS056030	13RS056030B	0.379	9.6	0.560	14.2	0.375	9.5	500
13RSSR0090	13RSSR0090B	0.380	9.7	0.500	12.7	0.125	3.2	500
13RSSR0092	13RSSR0092B	0.380	9.7	0.500	12.7	0.188	4.8	500
13RSSR0094	13RSSR0094B	0.380	9.7	0.500	12.7	0.250	6.4	500
13RSSR0096	13RSSR0096B	0.380	9.7	0.500	12.7	0.312	7.9	500
13RSSR0098	13RSSR0098B	0.380	9.7	0.500	12.7	0.375	9.5	500
13RS050080	13RS050080B	0.380	9.7	0.500	12.7	0.422	10.7	500
13RSSR0100	13RSSR0100B	0.380	9.7	0.500	12.7	0.437	11.1	500
13RSSR0102	13RSSR0102B	0.380	9.7	0.500	12.7	0.500	12.7	500
13RSSR0104	13RSSR0104B	0.380	9.7	0.500	12.7	0.563	14.3	500
13RSSR0106	13RSSR0106B	0.380	9.7	0.500	12.7	0.625	15.9	500
13RSSR0108	13RSSR0108B	0.380	9.7	0.500	12.7	0.688	17.5	500
13RSSR0110	13RSSR0110B	0.380	9.7	0.500	12.7	0.750	19.1	500
13RSSR0112	13RSSR0112B	0.380	9.7	0.500	12.7	0.813	20.7	500
13RSSR0114	13RSSR0114B	0.380	9.7	0.500	12.7	0.875	22.2	500
13RSSR0116	13RSSR0116B	0.380	9.7	0.500	12.7	0.938	23.8	500
13RSSR0118	13RSSR0118B	0.380	9.7	0.500	12.7	1.000	25.4	500
13RSSR0120	13RSSR0120B	0.380	9.7	0.500	12.7	1.062	27.0	500
13RSSR0122	13RSSR0122B	0.380	9.7	0.500	12.7	1.125	28.6	500
13RSSR0124	13RSSR0124B	0.380	9.7	0.500	12.7	1.188	30.2	500
13RSSR0126	13RSSR0126B	0.380	9.7	0.500	12.7	1.250	31.8	500
13RSSR0128	13RSSR0128B	0.380	9.7	0.500	12.7	1.312	33.3	500
13RSSR0130	13RSSR0130B	0.380	9.7	0.500	12.7	1.375	34.9	500
13RSSR0132	13RSSR0132B	0.380	9.7	0.500	12.7	1.437	36.5	500
13RSSR0134	13RSSR0134B	0.380	9.7	0.500	12.7	1.500	38.1	500
13RSSR0136	13RSSR0136B	0.380	9.7	0.500	12.7	1.750	44.5	500
13RSSR0138	13RSSR0138B	0.380	9.7	0.500	12.7	2.000	50.8	500
13RSSR0142	13RSSR0142B	0.380	9.7	0.625	15.9	0.250	6.4	500
13RSSR0146	13RSSR0146B	0.380	9.7	0.625	15.9	0.312	7.9	500

THROUGH SPACERS

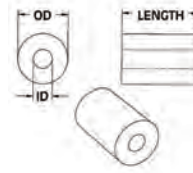
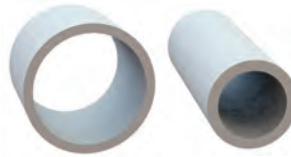
13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RSSR0150	13RSSR0150B	0.380	9.7	0.625	15.9	0.375	9.5	500
13RSSR0154	13RSSR0154B	0.380	9.7	0.625	15.9	0.437	11.1	500
13RSSR0157	13RSSR0157B	0.380	9.7	0.625	15.9	0.500	12.7	500
13RSSR0161	13RSSR0161B	0.380	9.7	0.625	15.9	0.563	14.3	500
13RS062526	13RS062526B	0.380	9.7	0.625	15.9	0.750	19.1	500
13RSSR0168	13RSSR0168B	0.380	9.7	0.625	15.9	0.750	19.1	500
13RSSR0172	13RSSR0172B	0.380	9.7	0.625	15.9	0.875	22.2	500
13RSSR0176	13RSSR0176B	0.380	9.7	0.625	15.9	1.000	25.4	500
13RSSR0180	13RSSR0180B	0.380	9.7	0.625	15.9	1.125	28.6	500
13RSSR0184	13RSSR0184B	0.380	9.7	0.625	15.9	1.250	31.8	500
13RSSR0188	13RSSR0188B	0.380	9.7	0.625	15.9	1.375	34.9	500
13RSSR0192	13RSSR0192B	0.380	9.7	0.625	15.9	1.500	38.1	500
13RSSR0196	13RSSR0196B	0.380	9.7	0.625	15.9	1.750	44.5	500
13RSSR0200	13RSSR0200B	0.380	9.7	0.625	15.9	2.000	50.8	500
13RS062584	13RS062584B	0.380	9.7	0.625	15.9	2.750	69.9	500
13RSSR0202	13RSSR0202B	0.380	9.7	0.750	19.1	0.375	9.5	1000
13RS075047	13RS075047B	0.380	9.7	0.750	19.1	0.472	12.0	1000
13RSSR0204	13RSSR0204B	0.380	9.7	0.750	19.1	0.500	12.7	500
13RSSR0207	13RSSR0207B	0.380	9.7	0.750	19.1	0.625	15.9	500
13RSSR0209	13RSSR0209B	0.380	9.7	0.750	19.1	0.750	19.1	500
13RS075054	13RS075054B	0.380	9.7	0.750	19.1	0.850	21.6	500
13RSSR0212	13RSSR0212B	0.380	9.7	0.750	19.1	0.875	22.2	500
13RSSR0215	13RSSR0215B	0.380	9.7	0.750	19.1	1.000	25.4	250
13RSSR0218	13RSSR0218B	0.380	9.7	0.750	19.1	1.250	31.8	250
13RSSR0221	13RSSR0221B	0.380	9.7	0.750	19.1	1.500	38.1	250
13RSSR0224	13RSSR0224B	0.380	9.7	0.750	19.1	1.750	44.5	250
13RSSR0227	13RSSR0227B	0.380	9.7	0.750	19.1	2.000	50.8	250
13RSSR0337	13RSSR0337B	0.380	9.7	0.750	19.1	2.250	57.2	250
13RSSR0340	13RSSR0340B	0.380	9.7	0.750	19.1	2.500	63.5	250
13RSSR0343	13RSSR0343B	0.380	9.7	0.750	19.1	2.750	69.9	250
13RSSR0346	13RSSR0346B	0.380	9.7	0.750	19.1	3.000	76.2	250
13RS100007	13RS100007B	0.380	9.7	1.000	25.4	0.470	11.9	500
13RS125387	13RS125387B	0.380	9.7	1.250	31.8	0.380	9.7	250
13RS046500	13RS046500B	0.382	9.7	0.465	11.8	0.282	7.2	1000
13RS050031	13RS050031B	0.382	9.7	0.500	12.7	0.312	7.9	500
13RS050021	13RS050021B	0.382	9.7	0.500	12.7	0.625	15.9	500
13RS052001	13RS052001B	0.382	9.7	0.518	13.2	0.280	7.1	1000
13RS050055	13RS050055B	0.383	9.7	0.500	12.7	0.500	12.7	500
13RS062534	13RS062534B	0.383	9.7	0.620	15.7	0.562	14.3	1000
13RS050059	13RS050059B	0.384	9.8	0.500	12.7	0.537	13.6	500
13RS050057	13RS050057B	0.384	9.8	0.500	12.7	0.665	16.9	500
13RS125384	13RS125384B	0.384	9.8	1.250	31.8	0.375	9.5	250
13RS050095	13RS050095B	0.385	9.8	0.500	12.7	1.000	25.4	1000
13RS050062	13RS050062B	0.385	9.8	0.505	12.8	0.156	4.0	1000
13RS061018	13RS061018B	0.385	9.8	0.615	15.6	0.188	4.8	500
13RS038518	13RS038518B	0.385	9.8	0.625	15.9	0.187	4.7	500
13RS062523	13RS062523B	0.385	9.8	0.635	16.1	0.230	5.8	500
13RS075045	13RS075045B	0.385	9.8	0.745	18.9	0.313	8.0	1000
13RS075032	13RS075032B	0.385	9.8	0.750	19.1	0.203	5.2	500
13RS087533	13RS087533B	0.385	9.8	0.875	22.2	0.275	7.0	1000
13RS100036	13RS100036B	0.385	9.8	1.000	25.4	0.340	8.6	500
13RS100037	13RS100037B	0.385	9.8	1.000	25.4	0.375	9.5	500
13RS131256	13RS131256B	0.385	9.8	1.313	33.4	0.100	2.5	250
13RS062561	13RS062561B	0.386	9.8	0.625	15.9	0.625	15.9	500
13RS062573	13RS062573B	0.386	9.8	0.625	15.9	0.738	18.7	500
13RS075083	13RS075083B	0.386	9.8	0.754	19.2	0.376	9.6	1000
13RS075022	13RS075022B	0.387	9.8	0.745	18.9	0.187	4.7	500
13RS050056	13RS050056B	0.390	9.9	0.500	12.7	0.500	12.7	500
13RS051001	13RS051001B	0.390	9.9	0.510	13.0	0.250	6.4	500
13RS056035	13RS056035B	0.390	9.9	0.560	14.2	0.500	12.7	1000
13RS062525	13RS062525B	0.390	9.9	0.625	15.9	0.250	6.4	500
13RS062529	13RS062529B	0.390	9.9	0.625	15.9	0.437	11.1	500
13RS069039	13RS069039B	0.390	9.9	0.680	17.3	0.625	15.9	500
13RS075041	13RS075041B	0.390	9.9	0.740	18.8	1.000	25.4	250
13RS075084	13RS075084B	0.390	9.9	0.750	19.1	0.375	9.5	500
13RS075089	13RS075089B	0.390	9.9	0.750	19.1	1.500	38.1	250
13RS097518	13RS097518B	0.390	9.9	0.975	24.8	1.180	30.0	500
13RS125751	13RS125751B	0.390	9.9	1.250	31.8	0.500	12.7	250
13RS071821	13RS071821B	0.392	10.0	0.720	18.3	0.230	5.8	500
13RS048013	13RS048013B	0.394	10.0	0.472	12.0	0.787	20.0	500
13RS075990	13RS075990B	0.394	10.0	0.760	19.3	0.910	23.1	500

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RS077533	13RS077533B	0.394	10.0	0.787	20.0	0.252	6.4	500
13RS050065	13RS050065B	0.395	10.0	0.500	12.7	0.314	8.0	500
13RS075021	13RS075021B	0.397	10.1	0.744	18.9	0.371	9.4	1000
13RS150051	13RS150051B	0.397	10.1	1.500	38.1	0.500	12.7	250
13RS046061	13RS046061B	0.400	10.2	0.460	11.7	0.440	11.2	1000
13RS075077	13RS075077B	0.400	10.2	0.755	19.2	0.290	7.4	1000
13RS125501	13RS125501B	0.400	10.2	1.250	31.8	0.625	15.9	250
13RS075086	13RS075086B	0.401	10.2	0.760	19.3	0.600	15.2	500
MSW1270A	—	0.402	10.2	0.669	17.0	0.079	2.0	1000
13RS081223	13RS081223B	0.403	10.2	0.812	20.6	0.250	6.4	1000
13RS081224	13RS081224B	0.403	10.2	0.812	20.6	0.710	18.0	500
13RS050013	13RS050013B	0.406	10.3	0.500	12.7	0.449	11.4	500
13RS075030	13RS075030B	0.406	10.3	0.750	19.1	0.562	14.3	500
13RS100043	13RS100043B	0.406	10.3	1.000	25.4	0.438	11.1	500
—	13ME100*	0.409	10.4	0.591	15.0	0.118	3.0	1000
—	13ME101*	0.409	10.4	0.591	15.0	0.197	5.0	1000
—	13ME102*	0.409	10.4	0.591	15.0	0.295	7.5	1000
—	13ME103*	0.409	10.4	0.591	15.0	0.394	10.0	500
—	13ME104*	0.409	10.4	0.591	15.0	0.591	15.0	1000
—	13ME105*	0.409	10.4	0.591	15.0	0.787	20.0	500
—	13ME108*	0.409	10.4	0.866	22.0	0.197	5.0	1000
—	13ME109*	0.409	10.4	0.866	22.0	0.394	10.0	500
—	13ME110*	0.409	10.4	0.866	22.0	0.591	15.0	1000
—	13ME111*	0.409	10.4	0.866	22.0	0.787	20.0	250
13RS062524	13RS062524B	0.412	10.5	0.625	15.9	0.155	3.9	500
13RS087557	13RS087557B	0.422	10.7	0.875	22.2	0.375	9.5	500
13RS062570	13RS062570B	0.425	10.8	0.635	16.1	0.875	22.2	500
13RS075056	13RS075056B	0.433	11.0	0.741	18.8	0.350	8.9	500
13RS062583	13RS062583B	0.434	11.0	0.634	16.1	0.380	9.7	500
13RS077531	13RS077531B	0.434	11.0	0.770	19.6	0.377	9.6	500
13RS062522	13RS062522B	0.435	11.0	0.625	15.9	0.250	6.4	500
13RS056740	13RS056740B	0.437	11.1	0.567	14.4	0.406	10.3	500
13RS075053	13RS075053B	0.437	11.1	0.750	19.1	0.500	12.7	500
13RS050075	13RS050075B	0.438	11.1	0.500	12.7	0.750	19.1	500
13RS089037	13RS089037B	0.438	11.1	0.885	22.5	0.370	9.4	500
13RS050092	13RS050092B	0.440	11.2	0.500	12.7	0.430	10.9	500
13RS125076	13RS125076B	0.443	11.3	1.250	31.8	0.250	6.4	250
13RS050097	13RS050097B	0.445	11.3	0.515	13.1	0.380	9.7	500
13RS062565	13RS062565B	0.450	11.4	0.625	15.9	0.625	15.9	1000
13RS062571	13RS062571B	0.450	11.4	0.625	15.9	0.875	22.2	500
13RS100008	13RS100008B	0.450	11.4	1.000	25.4	0.219	5.6	500
13RS056032	13RS056032B	0.453	11.5	0.563	14.3	0.281	7.1	500
13RS075046	13RS075046B	0.460	11.7	0.750	19.1	0.250	6.4	500
13RS100052	13RS100052B	0.469	11.9	1.000	25.4	0.563	14.3	500
13RS075023	13RS075023B	0.480	12.2	0.752	19.1	0.226	5.7	1000
13RS062538	13RS062538B	0.484	12.3	0.627	15.9	0.467	11.9	500
13RS075039	13RS075039B	0.490	12.4	0.750	19.1	0.375	9.5	1000
13RS075017	13RS075017B	0.490	12.4	0.750	19.1	0.800	20.3	500
13RS087543	13RS087543B	0.494	12.5	0.865	22.0	0.373	9.5	500
13RS062572	13RS062572B	0.500	12.7	0.618	15.7	0.484	12.3	1000
13RS062535	13RS062535B	0.500	12.7	0.625	15.9	0.313	8.0	500
13RS062536	13RS062536B	0.500	12.7	0.622	15.9	0.375	9.5	500
13RS062575	13RS062575B	0.500	12.7	0.625	15.9	1.000	25.4	500
13RS062533	13RS062533B	0.500	12.7	0.625	15.9	1.625	41.3	500
13RS062520	13RS062520B	0.500	12.7	0.630	16.0	1.250	31.8	500
13RS100060	13RS100060B	0.500	12.7	0.987	25.1	0.375	9.5	500
13RS100034	13RS100034B	0.500	12.7	1.000	25.4	0.750	19.1	500
13RSSR0255	13RSSR0255B	0.500	12.7	1.000	25.4	2.250	57.2	250
13RS075991	13RS075991B	0.501	12.7	0.780	19.8	0.205	5.2	500
13RS062539	13RS062539B	0.503	12.8	0.625	15.9	0.207	5.3	1000
13RS062062	13RS062062B	0.504	12.8	0.620	15.7	0.625	15.9	1000
13RS062040	13RS062040B	0.504	12.8	0.620	15.7	0.813	20.7	500
13RS050064	13RS050064B	0.505	12.8	0.683	17.3	0.500	12.7	500
13RSSR0203	13RSSR0203B	0.505	12.8	0.750	19.1	0.375	9.5	500
13RSSR0205	13RSSR0205B	0.505	12.8	0.750	19.1	0.500	12.7	500
13RSSR0208	13RSSR0208B	0.505	12.8	0.750	19.1	0.625	15.9	500
13RSSR0210	13RSSR0210B	0.505	12.8	0.750	19.1	0.750	19.1	500
13RSSR0213	13RSSR0213B	0.505	12.8	0.750	19.1	0.875	22.2	500
13RSSR0216	13RSSR0216B	0.505	12.8	0.750	19.1	1.000	25.4	250
13RSSR0219	13RSSR0219B	0.505	12.8	0.750	19.1	1.250	31.8	250
13RSSR0222	13RSSR0222B	0.505	12.8	0.750	19.1	1.500	38.1	250

THROUGH SPACERS

13RS/13RSSR/13SP/13ME/MSW/SWI/SWS Series (continued)
Round Nylon Through Spacers

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact



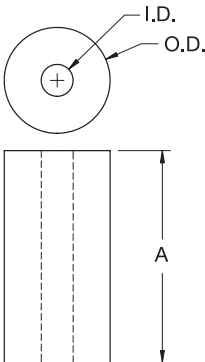
* Note: 13ME item #'s are made of black Heat Stabilized Nylon 6/6

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RSSR0225	13RSSR0225B	0.505	12.8	0.750	19.1	1.750	44.5	250
13RSSR0228	13RSSR0228B	0.505	12.8	0.750	19.1	2.000	50.8	250
13RS100032	13RS100032B	0.505	12.8	1.000	25.4	0.250	6.4	500
13RSSR0229	13RSSR0229B	0.505	12.8	1.000	25.4	0.375	9.5	500
13RSSR0231	13RSSR0231B	0.505	12.8	1.000	25.4	0.500	12.7	250
13RSSR0233	13RSSR0233B	0.505	12.8	1.000	25.4	0.750	19.1	250
13RSSR0235	13RSSR0235B	0.505	12.8	1.000	25.4	1.000	25.4	250
13RSSR0237	13RSSR0237B	0.505	12.8	1.000	25.4	1.500	38.1	250
13RSSR0239	13RSSR0239B	0.505	12.8	1.000	25.4	2.000	50.8	250
13RSSR0348	13RSSR0348B	0.505	12.8	1.000	25.4	2.250	57.2	250
13RS112030	13RS112030B	0.505	12.8	1.240	31.5	0.500	12.7	250
13RS066850	13RS066850B	0.506	12.9	0.668	17.0	0.938	23.8	500
13RS062650	13RS062650B	0.507	12.9	0.620	15.7	0.500	12.7	1000
13RS062035	13RS062035B	0.507	12.9	0.620	15.7	1.688	42.9	500
13RS077530	13RS077530B	0.507	12.9	0.775	19.7	0.250	6.4	1000
13RS094551	13RS094551B	0.509	12.9	0.984	25.0	0.984	25.0	500
13RS075071	13RS075071B	0.510	13.0	0.750	19.1	0.375	9.5	1000
13RS075070	13RS075070B	0.510	13.0	0.750	19.1	0.700	17.8	500
13RS100053	13RS100053B	0.510	13.0	1.000	25.4	0.590	15.0	250
13RS125312	13RS125312B	0.510	13.0	1.250	31.8	0.313	8.0	250
13RS063051	13RS063051B	0.512	13.0	0.630	16.0	0.354	9.0	500
SWI2100A	—	0.512	13.0	1.258	32.0	0.064	1.6	6000
13RS063551	13RS063551B	0.515	13.1	0.639	16.2	0.563	14.3	500
13RS072050	13RS072050B	0.515	13.1	0.720	18.3	0.490	12.4	1000
13RS075034	13RS075034B	0.515	13.1	0.750	19.1	0.340	8.6	1000
13RS089036	13RS089036B	0.515	13.1	0.880	22.4	0.375	9.5	500
13RS100063	13RS100063B	0.515	13.1	1.125	28.6	0.388	9.9	250
13RS065650	13RS065650B	0.516	13.1	0.656	16.7	0.500	12.7	500
13RS100061	13RS100061B	0.517	13.1	1.000	25.4	0.312	7.9	500
13RS100031	13RS100031B	0.517	13.1	1.000	25.4	0.375	9.5	500
13RS100059	13RS100059B	0.517	13.1	1.000	25.4	0.687	17.4	500
13RS068714	13RS068714B	0.519	13.2	0.691	17.6	0.750	19.1	500
13RS062593	13RS062593B	0.520	13.2	0.625	15.9	0.218	5.5	500
13RS063550	13RS063550B	0.520	13.2	0.635	16.1	0.500	12.7	1000
13RS070087	13RS070087B	0.520	13.2	0.715	18.2	0.380	9.7	500
13RS075057	13RS075057B	0.520	13.2	0.750	19.1	0.500	12.7	500
13RS081046	13RS081046B	0.520	13.2	0.803	20.4	0.375	9.5	500
13RS081045	13RS081045B	0.520	13.2	0.803	20.4	0.500	12.7	500
13RS146050	13RS146050B	0.521	13.2	1.460	37.1	0.500	12.7	250
13RS100011	13RS100011B	0.523	13.3	0.998	25.3	0.453	11.5	500
13RS071823	13RS071823B	0.524	13.3	0.709	18.0	0.295	7.5	500
—	13ME118*	0.524	13.3	0.709	18.0	0.118	3.0	1000
—	13ME119*	0.524	13.3	0.709	18.0	0.197	5.0	1000
—	13ME120*	0.524	13.3	0.709	18.0	0.295	7.5	1000
—	13ME121*	0.524	13.3	0.709	18.0	0.394	10.0	1000
—	13ME122*	0.524	13.3	0.709	18.0	0.591	15.0	1000
—	13ME123*	0.524	13.3	0.709	18.0	0.787	20.0	500
—	13ME124*	0.524	13.3	0.709	18.0	0.984	25.0	500
—	13ME126*	0.524	13.3	0.984	25.0	0.197	5.0	1000
—	13ME127*	0.524	13.3	0.984	25.0	0.394	10.0	500
—	13ME128*	0.524	13.3	0.984	25.0	0.591	15.0	1000
—	13ME129*	0.524	13.3	0.984	25.0	0.787	20.0	1000
13RS071820	13RS071820B	0.526	13.4	0.718	18.2	0.219	5.6	500
13RS071828	13RS071828B	0.526	13.4	0.718	18.2	0.281	7.1	1000
13RS084102	13RS084102B	0.526	13.4	0.840	21.3	0.502	12.8	500
13RS087536	13RS087536B	0.527	13.4	0.870	22.1	0.875	22.2	250
13RS100009	13RS100009B	0.530	13.5	1.000	25.4	0.500	12.7	500
13RSSR0253	13RSSR0253B	0.530	13.5	1.000	25.4	2.220	56.4	250
13RS075011	13RS075011B	0.531	13.5	0.754	19.2	0.451	11.5	500
13RS087045	13RS087045B	0.531	13.5	0.870	22.1	0.391	9.9	500
13RS112031	13RS112031B	0.531	13.5	1.250	31.8	0.500	12.7	250
13RS083531	13RS083531B	0.540	13.7	0.835	21.2	0.188	4.8	500
13RS100065	13RS100065B	0.561	14.2	1.003	25.5	0.623	15.8	250
13RS100062	13RS100062B	0.562	14.3	1.000	25.4	0.910	23.1	500
13RS100064	13RS100064B	0.568	14.4	1.000	25.4	1.119	28.4	500
13RS069038	13RS069038B	0.600	15.2	0.680	17.3	0.560	14.2	500
13RS098554	13RS098554B	0.604	15.3	0.984	25.0	0.312	7.9	500
13RS084101	13RS084101B	0.605	15.4	0.841	21.4	0.600	15.2	500
13RS087047	13RS087047B	0.610	15.5	0.870	22.1	0.500	12.7	500
13RS075044	13RS075044B	0.625	15.9	1.750	44.5	0.250	6.4	250
13RSSR0230	13RSSR0230B	0.630	16.0	1.000	25.4	0.375	9.5	500
13RSSR0232	13RSSR0232B	0.630	16.0	1.000	25.4	0.500	12.7	250
13RSSR0234	13RSSR0234B	0.630	16.0	1.000	25.4	0.750	19.1	1000

Item No.		ID		OD		Length		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	
13RSSR0236	13RSSR0236B	0.630	16.0	1.000	25.4	1.000	25.4	250
13RSSR0238	13RSSR0238B	0.630	16.0	1.000	25.4	1.500	38.1	250
13RSSR0240	13RSSR0240B	0.630	16.0	1.000	25.4	2.000	50.8	250
13RSSR0349	13RSSR0349B	0.630	16.0	1.000	25.4	2.250	57.2	250
13RS075014	13RS075014B	0.631	16.0	0.750	19.1	0.440	11.2	500
13RS063564	13RS063564B	0.635	16.1	0.913	23.2	0.641	16.3	500
13RS125080	13RS125080B	0.642	16.3	1.250	31.8	0.082	2.1	250
13RS100051	13RS100051B	0.643	16.3	1.000	25.4	0.500	12.7	500
13RS075018	13RS075018B	0.645	16.4	0.750	19.1	0.437	11.1	500
13RS087553	13RS087553B	0.650	16.5	0.880	22.4	0.750	19.1	250
13RS098553	13RS098553B	0.650	16.5	0.984	25.0	0.492	12.5	500
13RS100010	13RS100010B	0.650	16.5	1.000	25.4	0.373	9.5	500
13RS137520	13RS137520B	0.656	16.7	1.375	34.9	0.125	3.2	1000
13RS162591	13RS162591B	0.680	17.3	1.063	27.0	0.200	5.1	250
13RS081225	13RS081225B	0.688	17.5	0.805	20.4	0.500	12.7	500
13RS081228	13RS081228B	0.703	17.9	0.805	20.4	0.500	12.7	500
13RS077532	13RS077532B	0.705	17.9	0.797	20.2	0.815	20.7	500
13RS081227	13RS081227B	0.718	18.2	0.805	20.4	0.500	12.7	500
13RS099001	13RS099001B	0.730	18.5	0.993	25.2	0.176	4.5	1000
13RS099002	13RS099002B	0.730	18.5	0.993	25.2	0.276	7.0	500
13RS099000	13RS099000B	0.730	18.5	0.993	25.2	0.346	8.8	500
13RS106212	13RS106212B	0.740	18.8	1.055	26.8	0.188	4.8	250
13RSSR0249	13RSSR0249B	0.750	19.1	1.500	38.1	1.500	38.1	250
13RSSR0358	13RSSR0358B	0.750	19.1	1.500	38.1	2.500	63.5	250
13RS087554	13RS087554B	0.753	19.1	0.878	22.3	0.495	12.6	500
13RS100050	13RS100050B	0.755	19.2	1.000	25.4	0.203	5.2	500
13RS125084	13RS125084B	0.755	19.2	1.250	31.8	0.250	6.4	250
13RSSR0241	13RSSR0241B	0.755	19.2	1.500	38.1	0.375	9.5	250
13RSSR0243	13RSSR0243B	0.755	19.2	1.500	38.1	0.500	12.7	250
13RSSR0245	13RSSR0245B	0.755	19.2	1.500	38.1	0.750	19.1	250
13RSSR0247	13RSSR0247B	0.755	19.2	1.500	38.1	1.000	25.4	250
13RSSR0251	13RSSR0251B	0.755	19.2	1.500	38.1	2.000	50.8	250
13RS100027	13RS100027B	0.760	19.3	1.000	25.4	0.343	8.7	500
13RS125313	13RS125313B	0.761	19.3	1.239	31.5	0.563	14.3	250
13RS100056	13RS100056B	0.765	19.4	1.000	25.4	0.563	14.3	500
13RS137521	13RS137521B	0.766	19.5	1.375	34.9	0.156	4.0	250
13RS089038	13RS089038B	0.780	19.8	0.907	23.0	0.315	8.0	500
13RS091775	13RS091775B	0.785	19.9	0.917	23.3	0.750	19.1	250
13RS137522	13RS137522B	0.795	20.2	1.375	34.9	0.400	10.2	250
13RS105720	13RS105720B	0.812	20.6	1.057	26.8	0.125	3.2	1000
13RS187509	13RS187509B	0.813	20.7	1.188	30.2	0.250	6.4	500
13RS100066	13RS100066B	0.830	21.1	1.050	26.7	0.240	6.1	250
13RS100067	13RS100067B	0.830	21.1	1.050	26.7	0.490	12.4	250
13RS091776	13RS091776B	0.838	21.3	0.918	23.3	1.125	28.6	500
13RS125081	13RS125081B	0.875	22.2	1.250	31.8	0.563	14.3	250
13RS125083	13RS125083B	0.880	22.4	1.250	31.8	0.330	8.4	250
13RS125085	13RS125085B	0.900	22.9	1.250	31.8	0.500	12.7	250
13RS100025	13RS100025B	0.915	23.2	1.000	25.4	0.250	6.4	500
13RS175032	13RS175032B	0.928	23.6	1.750	44.5	0.281	7.1	250
13RS100055	13RS100055B	0.950	24.1	1.080	27.4	0.875	22.2	500
13RSSR0242	13RSSR0242B	1.000	25.4	1.500	38.1	0.375	9.5	250
13RSSR0244	13RSSR0244B	1.000	25.4	1.500	38.1	0.500	12.7	250
13RSSR0246	13RSSR0246B	1.000	25.4	1.500	38.1	0.750	19.1	250
13RSSR0248	13RSSR0248B	1.000	25.4	1.500	38.1	1.000	25.4	250
13RSSR0250	13RSSR0250B	1.000	25.4	1.500	38.1	1.500	38.1	250
13RSSR0252	13RSSR0252B	1.000	25.4	1.500	38.1	2.000	50.8	250
13RSSR0357	13RSSR0357B	1.005	25.5	1.500	38.1	2.250	57.2	250
13RSSR0359	13RSSR0359B	1.005	25.5	1.500	38.1	2.500	63.5	250
13RS112027	13RS112027B	1.015	25.8	1.120	28.4	0.375	9.5	250
13RS150050	13RS150050B	1.020	25.9	1.500	38.1	0.500	12.7	250
13RS132056	13RS132056B	1.031	26.2	1.320	33.5	0.562	14.3	250
13RS126210	13RS126210B	1.043	26.5	1.262	32.1	0.950	24.1	250
13RS126211	13RS126211B	1.051	26.7	1.142	29.0	0.502	12.8	250
13RS131255	13RS131255B	1.078	27.4	1.312	33.3	0.750	19.1	250
13RS175050	13RS175050B	1.140	29.0	1.750	44.5	0.500	12.7	250
13RS150011	13RS150011B	1.187	30.1	1.500	38.1	0.359	9.1	250
13RS162590	13RS162590B	1.388	35.3	1.625	41.3	0.094	2.4	250
13RS231251	13RS231251B	1.420	36.1	2.031	51.6	0.350	8.9	250
13RS213579	13RS213579B	1.422	36.1	1.125	54.0	0.280	7.1	250
13RS213581	13RS213581B	1.630	41.4	2.130	54.1	0.130	3.3	250
13RS213580	13RS213580B	1.760	44.7	2.135	54.2	0.125	3.2	250
13RS231252	13RS231252B	1.945	49.4	2.750	69.9	0.400	10.2	250

THROUGH SPACERS

R9XX Series
Round Nylon Through Spacers



- Specifications:
- Material: UL94 V-2 Modified Nylon 6/6
 - Color: White
- Features:
- Universal spacers give users an extremely wide range for mounting PCB discrete devices in many lead patterns and elevations
 - Makes solder filleting and board cleaning more effective

Item No.	ID		OD		A		Bulk Pack Qty
	in	mm	in	mm	in	mm	
R901-1	0.028	0.7	0.085	2.2	0.062	1.6	1000
R901-2	0.028	0.7	0.085	2.2	0.125	3.2	1000
R901-3	0.028	0.7	0.085	2.2	0.188	4.8	1000
R901-4	0.028	0.7	0.085	2.2	0.250	6.4	1000
R901-5	0.028	0.7	0.085	2.2	0.313	7.9	1000
R901-6	0.028	0.7	0.085	2.2	0.375	9.5	1000
R901-7	0.028	0.7	0.085	2.2	0.438	11.1	1000
R901-8	0.028	0.7	0.085	2.2	0.500	12.7	1000
R938-1	0.032	0.8	0.085	2.2	0.062	1.6	1000
R938-2	0.032	0.8	0.085	2.2	0.125	3.2	1000
R938-3	0.032	0.8	0.085	2.2	0.188	4.8	1000
R938-4	0.032	0.8	0.085	2.2	0.250	6.4	1000
R938-6	0.032	0.8	0.085	2.2	0.375	9.5	1000
R938-7	0.032	0.8	0.085	2.2	0.438	11.1	1000
R938-8	0.032	0.8	0.085	2.2	0.500	12.7	1000
R902-1	0.032	0.8	0.125	3.2	0.062	1.6	1000
R902-2	0.032	0.8	0.125	3.2	0.125	3.2	1000
R902-3	0.032	0.8	0.125	3.2	0.188	4.8	1000
R902-4	0.032	0.8	0.125	3.2	0.250	6.4	1000
R902-5	0.032	0.8	0.125	3.2	0.313	7.9	1000
R902-6	0.032	0.8	0.125	3.2	0.375	9.5	1000
R902-7	0.032	0.8	0.125	3.2	0.438	11.1	1000
R902-8	0.032	0.8	0.125	3.2	0.500	12.7	1000
R939-1	0.047	1.2	0.125	3.2	0.062	1.6	1000
R939-2	0.047	1.2	0.125	3.2	0.125	3.2	1000
R939-4	0.047	1.2	0.125	3.2	0.250	6.4	1000
R939-5	0.047	1.2	0.125	3.2	0.313	7.9	1000
R939-7	0.047	1.2	0.125	3.2	0.438	11.1	1000
R939-8	0.047	1.2	0.125	3.2	0.500	12.7	1000
R903-1	0.047	1.2	0.156	4.0	0.062	1/6	1000
R903-2	0.047	1.2	0.156	4.0	0.125	3.2	1000
R903-3	0.047	1.2	0.156	4.0	0.188	4.8	1000
R903-4	0.047	1.2	0.156	4.0	0.250	6.4	1000
R903-5	0.047	1.2	0.156	4.0	0.313	7.9	1000
R903-6	0.047	1.2	0.156	4.0	0.375	9.5	1000
R903-7	0.047	1.2	0.156	4.0	0.438	11.1	1000
R903-8	0.047	1.2	0.156	4.0	0.500	12.7	1000
R904-1	0.063	1.6	0.187	4.8	0.062	1.6	1000
R904-2	0.063	1.6	0.187	4.8	0.125	3.2	1000
R904-4	0.063	1.6	0.187	4.8	0.250	6.4	1000
R904-6	0.063	1.6	0.187	4.8	0.375	9.5	1000
R904-7	0.063	1.6	0.187	4.8	0.438	11.1	1000

Item No.	ID		OD		A		Bulk Pack Qty
	in	mm	in	mm	in	mm	
R904-8	0.063	1.6	0.187	4.8	0.500	12.7	1000
R906-1	0.085	2.2	0.148	3.6	0.062	1.6	1000
R906-2	0.085	2.2	0.148	3.6	0.125	3.2	1000
R906-3	0.085	2.2	0.148	3.6	0.188	4.8	1000
R906-4	0.085	2.2	0.148	3.6	0.250	6.4	1000
R906-6	0.085	2.2	0.148	3.6	0.375	9.5	1000
R906-7	0.085	2.2	0.148	3.6	0.438	11.1	1000
R906-8	0.085	2.2	0.148	3.6	0.500	12.7	1000
R937-1	0.090	2.3	0.125	3.2	0.062	1/6	1000
R937-7	0.091	2.3	0.125	3.2	0.438	11.1	1000
R937-8	0.091	2.3	0.125	3.2	0.500	12.7	1000
R913-1	0.091	2.3	0.187	4.8	0.062	1.6	1000
R913-2	0.091	2.3	0.187	4.8	0.125	3.2	1000
R907-1	0.105	2.7	0.167	4.2	0.062	1/6	1000
R907-2	0.105	2.7	0.167	4.2	0.125	3.2	1000
R907-3	0.105	2.7	0.167	4.2	0.188	4.8	1000
R907-4	0.105	2.7	0.167	4.2	0.250	6.4	1000
R907-5	0.105	2.7	0.167	4.2	0.313	7.9	1000
R907-6	0.105	2.7	0.167	4.2	0.375	9.5	1000
R907-7	0.105	2.7	0.167	4.2	0.438	11.1	1000
R907-8	0.105	2.7	0.167	4.2	0.500	12.7	1000
R908-1	0.125	3.2	0.187	4.8	0.062	1.6	1000
R908-2	0.125	3.2	0.187	4.8	0.125	3.2	1000
R908-3	0.125	3.2	0.187	4.8	0.188	4.8	1000
R908-4	0.125	3.2	0.187	4.8	0.250	6.4	1000
R908-5	0.125	3.2	0.187	4.8	0.313	7.9	1000
R908-6	0.125	3.2	0.187	4.8	0.375	9.5	1000
R908-8	0.125	3.2	0.187	4.8	0.500	12.7	1000
R911-1	0.125	3.2	0.250	6.4	0.062	1.6	1000
R911-2	0.125	3.2	0.250	6.4	0.125	3.2	1000
R911-3	0.125	3.2	0.250	6.4	0.188	4.8	1000
R911-4	0.125	3.2	0.250	6.4	0.250	6.4	1000
R911-5	0.125	3.2	0.250	6.4	0.313	7.9	1000
R911-8	0.125	3.2	0.250	6.4	0.500	12.7	1000
R905-1	0.147	3.7	0.250	6.4	0.062	1.6	1000
R905-2	0.147	3.7	0.250	6.4	0.125	3.2	1000
R905-3	0.147	3.7	0.250	6.4	0.188	4.8	1000
R905-4	0.147	3.7	0.250	6.4	0.250	6.4	1000
R905-6	0.147	3.7	0.250	6.4	0.375	9.5	1000
R905-7	0.147	3.7	0.250	6.4	0.438	11.1	1000
R912-1	0.171	4.3	0.250	6.4	0.062	1.6	1000

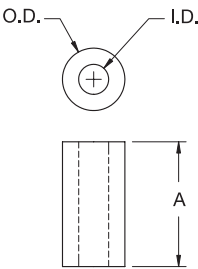
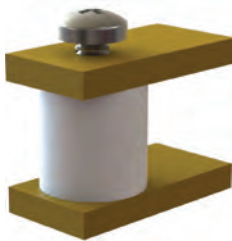
TRY BEFORE
YOU BUY

Essentra has thousands of
PCB & electronics hardware
options available.
Order your **FREE** samples today.



THROUGH SPACERS

005XXXXXX14 Series
Round Polystyrene (PS) Spacer



Specifications:

- Material: Polystyrene
- Color: See Table

Features:

- Efficient insulator at low temperatures
- Minimal water absorption
- Lightweight

Item No.		ID		OD		Spacer Length A		For Screw		Bulk Pack
Natural	Black	in	mm	in	mm	in	mm	Imperial	Metric	Qty
005377800014	005377859914	0.134	3.4	0.236	6.0	1.378	35.0	#4	M3	250
005378800014	005378859914	0.134	3.4	0.236	6.0	1.575	40.0	#4	M3	250
005371200014	005371259914	0.134	3.4	0.236	6.0	0.079	2.0	#4	M3	500
005371400014	005371459914	0.134	3.4	0.236	6.0	0.118	3.2	#4	M3	500
005371600014	005371659914	0.134	3.4	0.236	6.0	0.157	4.0	#4	M3	500
005371800014	005371859914	0.134	3.4	0.236	6.0	0.197	5.0	#4	M3	500
005372000014	005372059914	0.134	3.4	0.236	6.0	0.236	6.0	#4	M3	500
005372400014	005372459914	0.134	3.4	0.236	6.0	0.315	8.0	#4	M3	500
005372800014	005372859914	0.134	3.4	0.236	6.0	0.394	10.0	#4	M3	500
005373200014	005373259914	0.134	3.4	0.236	6.0	0.472	12.0	#4	M3	500
005373800014	005373859914	0.134	3.4	0.236	6.0	0.591	15.0	#4	M3	500
005374400014	005374459914	0.134	3.4	0.236	6.0	0.709	18.0	#4	M3	500
005374800014	005374859914	0.134	3.4	0.236	6.0	0.787	20.0	#4	M3	500
005375800014	005375859914	0.134	3.4	0.236	6.0	0.984	25.0	#4	M3	500
005376800014	005376859914	0.134	3.4	0.236	6.0	1.181	30.0	#4	M3	500
005419000014	005419059914	0.165	4.2	0.315	8.0	0.118	3.0	#8	M4	500
005420500014	005420559914	0.165	4.2	0.315	8.0	0.157	4.0	#8	M4	500
005422000014	005422059914	0.165	4.2	0.315	8.0	0.197	5.0	#8	M4	500
005423200014	005423259914	0.165	4.2	0.315	8.0	0.236	6.0	#8	M4	500
005425600014	005425659914	0.165	4.2	0.315	8.0	0.315	8.0	#8	M4	500
005428000014	005428059914	0.165	4.2	0.315	8.0	0.394	10.0	#8	M4	500
005429200014	005429259914	0.165	4.2	0.315	8.0	0.472	12.0	#8	M4	500
005431000014	005431059914	0.165	4.2	0.315	8.0	0.591	15.0	#8	M4	500
005432800014	005432859914	0.165	4.2	0.315	8.0	0.709	18.0	#8	M4	500
005434000014	005434059914	0.165	4.2	0.315	8.0	0.787	20.0	#8	M4	500
005437000014	005437059914	0.165	4.2	0.315	8.0	0.984	25.0	#8	M4	500
005440000014	005440059914	0.165	4.2	0.315	8.0	1.181	30.0	#8	M4	500
005465000014	005465059914	0.205	5.2	0.394	10.0	0.591	15.0	#10	M5	250
005466800014	005466859914	0.205	5.2	0.394	10.0	0.709	18.0	#10	M5	250
005468000014	005468059914	0.205	5.2	0.394	10.0	0.787	20.0	#10	M5	250
005471000014	005471059914	0.205	5.2	0.394	10.0	0.984	25.0	#10	M5	250
005474000014	005474059914	0.205	5.2	0.394	10.0	1.181	30.0	#10	M5	250
005453000014	005453059914	0.205	5.2	0.394	10.0	0.118	3.0	#10	M5	500
005454500014	005454559914	0.205	5.2	0.394	10.0	0.157	4.0	#10	M5	500
005456000014	005456059914	0.205	5.2	0.394	10.0	0.197	5.0	#10	M5	500
005457200014	005457259914	0.205	5.2	0.394	10.0	0.236	6.0	#10	M5	500
005459600014	005459659914	0.205	5.2	0.394	10.0	0.315	8.0	#10	M5	500
005462000014	005462059914	0.205	5.2	0.394	10.0	0.394	10.0	#10	M5	500
005463200014	005463259914	0.205	5.2	0.394	10.0	0.472	12.0	#10	M5	500

CER Series
Ceramic Beads

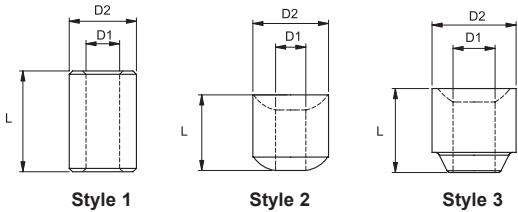


Specifications:

- Material: Steatrite C220 Ceramic
- Color: Natural

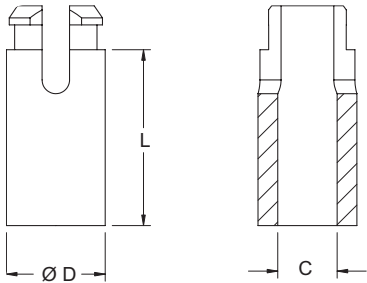
Features:

- Maximum operating temperature: 1832°F (1000°C)
- Parts are stackable



Item No.	D1 ID		D2 OD		L		Style	Bulk Pack Qty
	in	mm	in	mm	in	mm		
CER-1	0.079	2.0	0.158	4.0	0.237	6.0	1	1000
CER-2	0.063	1.6	0.178	4.5	0.315	8.0	1	1000
CER-3	0.063	1.6	0.178	4.5	0.394	10.0	1	1000
CER-4	0.040	1.0	0.119	3.0	0.119	3.0	2	1000
CER-5	0.071	1.8	0.178	4.5	0.178	4.5	2	1000
CER-6	0.040	1.0	0.119	3.0	0.197	5.0	2	1000
CER-7	0.098	2.5	0.197	5.0	0.197	5.0	3	1000

SRS/CBSS Series
Self Retaining Spacer



Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

Features:

- Self-retaining and self-aligning
- Board mount head snaps in and maintains spacing even after the screw is removed
- Will not rust, corrode or deteriorate

Item No.	Screw	Hole Ø		Panel Thickness		L		D		C		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	in	mm	
SRS4-2-01	#4 (M3)	0.187	4.7	0.062	1.6	0.125	3.2	0.250	6.4	0.125	3.2	1000
CBSS010A	#4 (M3)	0.187	4.7	0.062	1.6	0.138	3.5	0.250	6.4	0.125	3.2	1000
CBSS015A	#4 (M3)	0.187	4.7	0.062	1.6	0.157	4.0	0.250	6.4	0.125	3.2	1000
CBSS020A	#4 (M3)	0.187	4.7	0.062	1.6	0.177	4.5	0.250	6.4	0.125	3.2	1000
SRS4-3-01	#4 (M3)	0.187	4.7	0.062	1.6	0.187	4.7	0.250	6.4	0.125	3.2	1000
SRS4-4-01	#4 (M3)	0.187	4.7	0.062	1.6	0.250	6.4	0.250	6.4	0.125	3.2	1000
SRS4-5-01	#4 (M3)	0.187	4.7	0.062	1.6	0.312	7.9	0.250	6.4	0.125	3.2	1000
SRS4-6-01	#4 (M3)	0.187	4.7	0.062	1.6	0.375	9.5	0.250	6.4	0.125	3.2	1000
SRS4-7-01	#4 (M3)	0.187	4.7	0.062	1.6	0.437	11.1	0.250	6.4	0.125	3.2	1000
CBSS050A	#4 (M3)	0.187	4.7	0.062	1.6	0.472	12.0	0.250	6.4	0.125	3.2	1000
SRS4-8-01	#4 (M3)	0.187	4.7	0.062	1.6	0.500	12.7	0.250	6.4	0.125	3.2	1000
CBSS060A	#4 (M3)	0.187	4.7	0.062	1.6	0.559	14.2	0.250	6.4	0.125	3.2	1000
CBSS065A	#4 (M3)	0.187	4.7	0.062	1.6	0.591	15.0	0.250	6.4	0.125	3.2	1000
SRS4-10-01	#4 (M3)	0.187	4.7	0.062	1.6	0.625	15.9	0.250	6.4	0.125	3.2	1000
SRS4-12-01	#4 (M3)	0.187	4.7	0.062	1.6	0.750	19.1	0.250	6.4	0.125	3.2	1000
SRS4-14-01	#4 (M3)	0.187	4.7	0.062	1.6	0.875	22.2	0.250	6.4	0.125	3.2	1000
SRS4-16-01	#4 (M3)	0.187	4.7	0.062	1.6	1.000	25.4	0.250	6.4	0.125	3.2	1000
SRS6-4-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.250	6.4	0.281	7.1	0.153	3.9	1000
SRS6-5-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.312	7.9	0.281	7.1	0.153	3.9	1000
SRS6-6-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.375	9.5	0.281	7.1	0.153	3.9	1000
SRS6-7-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.437	11.1	0.281	7.1	0.153	3.9	1000
SRS6-8-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.500	12.7	0.281	7.1	0.153	3.9	1000
SRS6-10-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.625	15.9	0.281	7.1	0.153	3.9	1000
SRS6-12-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.750	19.1	0.281	7.1	0.153	3.9	1000
SRS6-14-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.875	22.2	0.281	7.1	0.153	3.9	1000
SRS6-16-01	#6 (M3.5)	0.234	5.9	0.062	1.6	1.000	25.4	0.281	7.1	0.153	3.9	1000
CBSS105A	#8 (M4)	0.234	5.9	0.062	1.6	0.118	3.0	0.281	7.1	0.169	4.3	1000
CBSS110A	#8 (M4)	0.234	5.9	0.062	1.6	0.157	4.0	0.281	7.1	0.169	4.3	1000
CBSS115A	#8 (M4)	0.234	5.9	0.062	1.6	0.181	4.6	0.281	7.1	0.169	4.3	1000
CBSS120A	#8 (M4)	0.234	5.9	0.062	1.6	0.197	5.0	0.281	7.1	0.169	4.3	1000
SRS8-3-01	#8 (M4)	0.234	5.9	0.062	1.6	0.188	4.8	0.281	7.1	0.169	4.3	1000
SRS8-4-01	#8 (M4)	0.234	5.9	0.062	1.6	0.250	6.4	0.281	7.1	0.169	4.3	1000
SRS8-5-01	#8 (M4)	0.234	5.9	0.062	1.6	0.313	7.9	0.281	7.1	0.169	4.3	1000
SRS8-6-01	#8 (M4)	0.234	5.9	0.062	1.6	0.375	9.5	0.281	7.1	0.169	4.3	1000
SRS8-7-01	#8 (M4)	0.234	5.9	0.062	1.6	0.438	11.1	0.281	7.1	0.169	4.3	1000
SRS8-8-01	#8 (M4)	0.234	5.9	0.062	1.6	0.500	12.7	0.281	7.1	0.169	4.3	1000
SRS8-10-01	#8 (M4)	0.234	5.9	0.062	1.6	0.625	15.9	0.281	7.1	0.169	4.3	1000
CBSS155A	#8 (M4)	0.234	5.9	0.062	1.6	0.669	17.0	0.281	7.1	0.169	4.3	1000
SRS8-12-01	#8 (M4)	0.234	5.9	0.062	1.6	0.750	19.1	0.281	7.1	0.169	4.3	1000
SRS8-14-01	#8 (M4)	0.234	5.9	0.062	1.6	0.875	22.2	0.281	7.1	0.169	4.3	1000
SRS8-16-01	#8 (M4)	0.234	5.9	0.062	1.6	1.000	25.4	0.281	7.1	0.169	4.3	1000
CBSS175A	#8 (M4)	0.234	5.9	0.062	1.6	1.181	30.0	0.281	7.1	0.169	4.3	1000
SRS8-2-3-01	#8 (M4)	0.234	5.9	0.087	2.2	0.188	4.8	0.281	7.1	0.169	4.3	1000
SRS8-2-4-01	#8 (M4)	0.234	5.9	0.087	2.2	0.250	6.4	0.281	7.1	0.169	4.3	1000
SRS8-2-5-01	#8 (M4)	0.234	5.9	0.087	2.2	0.313	7.9	0.281	7.1	0.169	4.3	1000
SRS8-2-6-01	#8 (M4)	0.234	5.9	0.087	2.2	0.375	9.5	0.281	7.1	0.169	4.3	1000
SRS8-2-7-01	#8 (M4)	0.234	5.9	0.087	2.2	0.438	11.1	0.281	7.1	0.169	4.3	1000
SRS8-2-8-01	#8 (M4)	0.234	5.9	0.087	2.2	0.500	12.7	0.281	7.1	0.169	4.3	1000
SRS8-2-10-01	#8 (M4)	0.234	5.9	0.087	2.2	0.625	15.9	0.281	7.1	0.169	4.3	1000
SRS8-2-12-01	#8 (M4)	0.234	5.9	0.087	2.2	0.750	19.1	0.281	7.1	0.169	4.3	1000
SRS8-2-14-01	#8 (M4)	0.234	5.9	0.087	2.2	0.875	22.2	0.281	7.1	0.169	4.3	1000

SPACERS

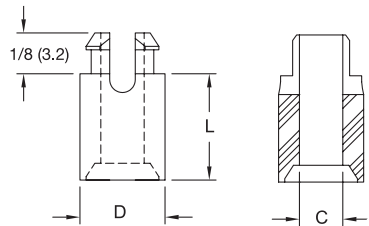
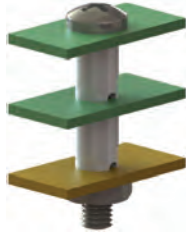
SSRS/13STS/13SS Series
Self Retaining Spacer

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

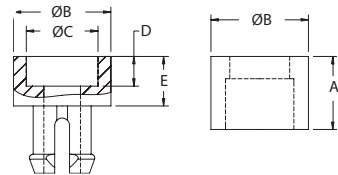
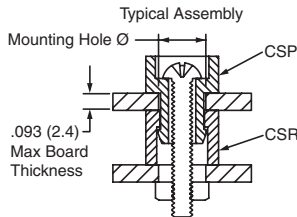
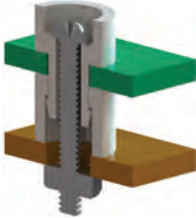
Features:

- Spacers can be stacked for multiple level PC board applications
- Self-retaining and self-aligning
- Board mount head snaps in and maintains spacing even after the screw is removed



Item No.	Screw	Hole Ø		Panel Thickness		L		D		C		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	in	mm	
SSRS4-2-01	#4 (M3)	0.187	4.7	0.062	1.6	0.125	3.2	0.260	6.6	0.130	3.3	1000
SSRS4-3-01	#4 (M3)	0.187	4.7	0.062	1.6	0.187	4.7	0.260	6.6	0.130	3.3	1000
SSRS4-4-01	#4 (M3)	0.187	4.7	0.062	1.6	0.250	6.4	0.260	6.6	0.130	3.3	1000
SSRS4-5-01	#4 (M3)	0.187	4.7	0.062	1.6	0.312	7.9	0.260	6.6	0.130	3.3	1000
SSRS4-6-01	#4 (M3)	0.187	4.7	0.062	1.6	0.375	9.5	0.260	6.6	0.130	3.3	1000
SSRS4-7-01	#4 (M3)	0.187	4.7	0.062	1.6	0.437	11.1	0.260	6.6	0.130	3.3	1000
SSRS4-8-01	#4 (M3)	0.187	4.7	0.062	1.6	0.500	12.7	0.260	6.6	0.130	3.3	1000
SSRS4-10-01	#4 (M3)	0.187	4.7	0.062	1.6	0.625	15.9	0.260	6.6	0.130	3.3	1000
13STS004068	#4 (M3)	0.187	4.7	0.062	1.6	0.688	17.5	0.260	6.6	0.130	3.3	1000
SSRS6-4-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.250	6.4	0.313	7.9	0.153	3.9	1000
SSRS6-5-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.312	7.9	0.313	7.9	0.153	3.9	1000
SSRS6-6-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.375	9.5	0.313	7.9	0.153	3.9	1000
SSRS6-7-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.437	11.1	0.313	7.9	0.153	3.9	1000
SSRS6-8-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.500	12.7	0.313	7.9	0.153	3.9	1000
SSRS6-10-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.625	15.9	0.313	7.9	0.153	3.9	1000
SSRS6-12-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.750	19.1	0.313	7.9	0.153	3.9	1000
SSRS6-14-01	#6 (M3.5)	0.234	5.9	0.062	1.6	0.875	22.2	0.313	7.9	0.153	3.9	1000
SSRS6-16-01	#6 (M3.5)	0.234	5.9	0.062	1.6	1.000	25.4	0.313	7.9	0.153	3.9	1000
SSRS8-4-01	#8 (M4)	0.234	5.9	0.062	1.6	0.250	6.4	0.313	7.9	0.169	4.3	1000
SSRS8-5-01	#8 (M4)	0.234	5.9	0.062	1.6	0.313	7.9	0.313	7.9	0.169	4.3	1000
SSRS8-6-01	#8 (M4)	0.234	5.9	0.062	1.6	0.375	9.5	0.313	7.9	0.169	4.3	1000
SSRS8-7-01	#8 (M4)	0.234	5.9	0.062	1.6	0.438	11.1	0.313	7.9	0.169	4.3	1000
SSRS8-8-01	#8 (M4)	0.234	5.9	0.062	1.6	0.500	12.7	0.313	7.9	0.169	4.3	1000
SSRS8-10-01	#8 (M4)	0.234	5.9	0.062	1.6	0.625	15.9	0.313	7.9	0.169	4.3	1000
SSRS8-12-01	#8 (M4)	0.234	5.9	0.062	1.6	0.750	19.1	0.313	7.9	0.169	4.3	1000
SSRS8-14-01	#8 (M4)	0.234	5.9	0.062	1.6	0.875	22.2	0.313	7.9	0.169	4.3	1000
13STS008093	#8 (M4)	0.234	5.9	0.062	1.6	0.938	23.8	0.313	7.9	0.169	4.3	1000
SSRS8-16-01	#8 (M4)	0.234	5.9	0.062	1.6	1.000	25.4	0.313	7.9	0.169	4.3	1000
13SS010265	#10	0.265	6.7	0.062	1.6	0.265	6.7	0.316	8.0	0.190	4.8	1000
13SS010375	#10	0.265	6.7	0.062	1.6	0.375	9.5	0.316	8.0	0.190	4.8	1000

CSR/CSP Series
Collar Spacer



CSP

CSR

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

Features:

- Pin (CSP) locks into bottom retainer (CSR) to capture PC board
- Combination of two mating parts forms a completely enclosed nylon spacer
- Binding head type screw is recommended

Pin

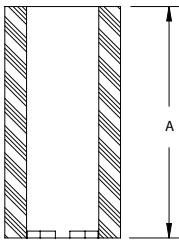
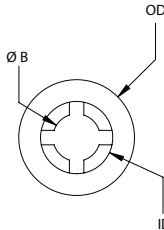
Item No.	ØB		ØC		D		E		Mounting Hole		Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm	in	mm	
CSP4-01	0.295	7.5	—	—	—	—	0.10	2.5	0.195	5.0	1000
CSP6-01	0.394	1.0.	0.290	7.4	0.120	3.0	0.20	5.0	0.256	6.5	1000
CSP8-01	0.436	11.1	0.330	8.4	0.140	3.6	0.22	5.5	0.272	6.9	1000

Retainer

Item No.	A		ØB		Mating Pin	Screw	Bulk Pack Qty
	in	mm	in	mm			
CSR4-224-01	0.224	5.7	0.295	7.5	CSP4-01	#4 or M2.5	1000
CSR4-295-01	0.295	7.5	0.295	7.5	CSP4-01	#4 or M2.5	1000
CSR4-394-01	0.394	10.0	0.295	7.5	CSP4-01	#4 or M2.5	1000
CSR4-591-01	0.591	15.0	0.295	7.5	CSP4-01	#4 or M2.5	1000
CSR4-787-01	0.787	20.0	0.295	7.5	CSP4-01	#4 or M2.5	1000
CSR6-224-01	0.224	5.7	0.394	10.0	CSP6-01	#6 or M3	1000
CSR6-295-01	0.295	7.5	0.394	10.0	CSP6-01	#6 or M3	1000
CSR6-394-01	0.394	10.0	0.394	10.0	CSP6-01	#6 or M3	1000
CSR6-591-01	0.591	15.0	0.394	10.0	CSP6-01	#6 or M3	1000
CSR6-787-01	0.787	20.0	0.394	10.0	CSP6-01	#6 or M3	1000
CSR8-224-01	0.224	5.7	0.436	11.1	CSP8-01	#6 or M3	1000
CSR8-295-01	0.295	7.5	0.436	11.1	CSP8-01	#6 or M3	1000
CSR8-394-01	0.394	10.0	0.436	11.1	CSP8-01	#6 or M3	1000
CSR8-591-01	0.591	15.0	0.436	11.1	CSP8-01	#6 or M3	1000
CSR8-787-01	0.787	20.0	0.436	11.1	CSP8-01	#6 or M3	1000

RETAINING SPACERS

13SPRT Series
Retaining Spacers



Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: See Table

Features:

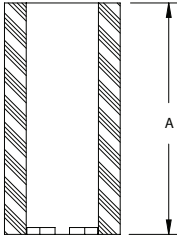
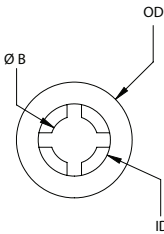
- Specially configured I.D. designed to grip the screw shank
- The spacer remains attached to the screw for quick, easy assembly
- Will not rust, corrode or deteriorate

Item No.		ID		Ø B		OD		A		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	in	mm	
13SPRT031	—	0.115	2.9	0.078	2.0	0.250	6.4	0.125	3.2	1000
13SPRT032	—	0.115	2.9	0.078	2.0	0.250	6.4	0.188	4.8	1000
13SPRT033	13SPRT033B	0.115	2.9	0.078	2.0	0.250	6.4	0.250	6.4	1000
13SPRT034	—	0.115	2.9	0.078	2.0	0.250	6.4	0.313	7.9	1000
13SPRT035	—	0.115	2.9	0.078	2.0	0.250	6.4	0.375	9.5	1000
13SPRT036	—	0.115	2.9	0.078	2.0	0.250	6.4	0.438	11.1	1000
13SPRT037	—	0.115	2.9	0.078	2.0	0.250	6.4	0.500	12.7	1000
13SPRT038	—	0.115	2.9	0.078	2.0	0.250	6.4	0.563	14.3	1000
13SPRT039	—	0.115	2.9	0.078	2.0	0.250	6.4	0.625	15.9	1000
13SPRT040	—	0.115	2.9	0.078	2.0	0.250	6.4	0.688	17.5	1000
13SPRT041	—	0.115	2.9	0.078	2.0	0.250	6.4	0.750	19.1	1000
13SPRT042	—	0.115	2.9	0.078	2.0	0.250	6.4	1.188	20.6	1000
13SPRT043	—	0.115	2.9	0.078	2.0	0.250	6.4	0.875	22.2	1000
13SPRT044	—	0.115	2.9	0.078	2.0	0.250	6.4	1.313	23.8	1000
13SPRT045	—	0.115	2.9	0.078	2.0	0.250	6.4	1.000	25.4	1000
13SPRT122	—	0.115	2.9	0.078	2.0	0.250	6.4	0.156	15.1	1000
13SPRT046	13SPRT046B	0.156	4.0	0.102	2.6	0.250	6.4	0.125	3.2	1000
13SPRT047	13SPRT047B	0.156	4.0	0.102	2.6	0.250	6.4	0.188	4.8	1000
13SPRT048	13SPRT048B	0.156	4.0	0.102	2.6	0.250	6.4	0.250	6.4	1000
13SPRT049	13SPRT049B	0.156	4.0	0.102	2.6	0.250	6.4	0.313	7.9	1000
13SPRT050	13SPRT050B	0.156	4.0	0.102	2.6	0.250	6.4	0.375	9.5	1000
13SPRT051	—	0.156	4.0	0.102	2.6	0.250	6.4	0.438	11.1	1000
13SPRT052	13SPRT052B	0.156	4.0	0.102	2.6	0.250	6.4	0.500	12.7	1000
13SPRT053	—	0.156	4.0	0.102	2.6	0.250	6.4	0.563	14.3	1000
13SPRT054	13SPRT054B	0.156	4.0	0.102	2.6	0.250	6.4	0.625	15.9	1000
13SPRT055	—	0.156	4.0	0.102	2.6	0.250	6.4	0.688	17.5	1000
13SPRT056	—	0.156	4.0	0.102	2.6	0.250	6.4	0.750	19.1	1000
13SPRT057	—	0.156	4.0	0.102	2.6	0.250	6.4	1.188	20.6	1000
13SPRT058	—	0.156	4.0	0.102	2.6	0.250	6.4	0.875	22.2	1000
13SPRT059	—	0.156	4.0	0.102	2.6	0.250	6.4	1.313	23.8	1000
13SPRT060	13SPRT060B	0.156	4.0	0.102	2.6	0.250	6.4	1.000	25.4	1000
13SPRT121	—	0.156	4.0	0.102	2.6	0.250	6.4	0.594	15.1	1000
13SPRT061	13SPRT061B	0.198	5.0	0.128	3.3	0.313	7.9	0.125	3.2	1000
13SPRT062	13SPRT062B	0.198	5.0	0.128	3.3	0.313	7.9	0.188	4.8	1000
13SPRT063	13SPRT063B	0.198	5.0	0.128	3.3	0.313	7.9	0.250	6.4	1000
13SPRT064	13SPRT064B	0.198	5.0	0.128	3.3	0.313	7.9	0.313	7.9	1000
13SPRT065	13SPRT065B	0.198	5.0	0.128	3.3	0.313	7.9	0.375	9.5	1000
13SPRT066	13SPRT066B	0.198	5.0	0.128	3.3	0.313	7.9	0.438	11.1	1000
13SPRT067	13SPRT067B	0.198	5.0	0.128	3.3	0.313	7.9	0.500	12.7	1000
13SPRT068	—	0.198	5.0	0.128	3.3	0.313	7.9	0.563	14.3	1000
13SPRT069	—	0.198	5.0	0.128	3.3	0.313	7.9	0.625	15.9	1000
13SPRT070	13SPRT070B	0.198	5.0	0.128	3.3	0.313	7.9	0.688	17.5	1000
13SPRT071	13SPRT071B	0.198	5.0	0.128	3.3	0.313	7.9	0.750	19.1	1000
13SPRT072	—	0.198	5.0	0.128	3.3	0.313	7.9	1.188	20.6	1000
13SPRT073	13SPRT073B	0.198	5.0	0.128	3.3	0.313	7.9	0.875	22.2	1000

(Continued on next page >)

RETAINING SPACERS

13SPRT Series (continued)
Retaining Spacers



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
 - Color: See Table

- Features:
- Specially configured I.D. designed to grip the screw shank
 - The spacer remains attached to the screw for quick, easy assembly
 - Will not rust, corrode or deteriorate

Item No.		ID		Ø B		OD		A		Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	in	mm	
13SPRT074	—	0.198	5.0	0.128	3.3	0.313	7.9	1.313	23.8	1000
13SPRT075	13SPRT075B	0.198	5.0	0.128	3.3	0.313	7.9	1.000	25.4	1000
13SPRT076	13SPRT076B	0.240	6.1	0.152	3.9	0.375	9.5	0.125	3.2	1000
13SPRT077	13SPRT077B	0.240	6.1	0.152	3.9	0.375	9.5	0.188	4.8	1000
13SPRT078	13SPRT078B	0.240	6.1	0.152	3.9	0.375	9.5	0.250	6.4	1000
13SPRT079	13SPRT079B	0.240	6.1	0.152	3.9	0.375	9.5	0.313	7.9	1000
13SPRT080	13SPRT080B	0.240	6.1	0.152	3.9	0.375	9.5	0.375	9.5	1000
13SPRT081	13SPRT081B	0.240	6.1	0.152	3.9	0.375	9.5	0.438	11.1	500
13SPRT082	13SPRT082B	0.240	6.1	0.152	3.9	0.375	9.5	0.500	12.7	500
13SPRT083	13SPRT083B	0.240	6.1	0.152	3.9	0.375	9.5	0.563	14.3	500
13SPRT084	—	0.240	6.1	0.152	3.9	0.375	9.5	0.625	15.9	500
13SPRT085	13SPRT085B	0.240	6.1	0.152	3.9	0.375	9.5	0.688	17.5	500
13SPRT086	13SPRT086B	0.240	6.1	0.152	3.9	0.375	9.5	0.750	19.1	500
13SPRT087	—	0.240	6.1	0.152	3.9	0.375	9.5	1.188	20.6	1000
13SPRT088	—	0.240	6.1	0.152	3.9	0.375	9.5	0.875	22.2	1000
13SPRT089	—	0.240	6.1	0.152	3.9	0.375	9.5	1.313	23.8	500
13SPRT090	—	0.240	6.1	0.152	3.9	0.375	9.5	1.000	25.4	250
13SPRT091	13SPRT091B	0.277	7.0	0.177	4.5	0.500	12.7	0.125	3.2	1000
13SPRT092	13SPRT092B	0.277	7.0	0.177	4.5	0.500	12.7	0.188	4.8	1000
13SPRT093	13SPRT093B	0.277	7.0	0.177	4.5	0.500	12.7	0.250	6.4	1000
13SPRT094	—	0.277	7.0	0.177	4.5	0.500	12.7	0.313	7.9	500
13SPRT095	13SPRT095B	0.277	7.0	0.177	4.5	0.500	12.7	0.375	9.5	500
13SPRT096	13SPRT096B	0.277	7.0	0.177	4.5	0.500	12.7	0.438	11.1	1000
13SPRT097	13SPRT097B	0.277	7.0	0.177	4.5	0.500	12.7	0.500	12.7	1000
13SPRT098	—	0.277	7.0	0.177	4.5	0.500	12.7	0.563	14.3	1000
13SPRT099	—	0.277	7.0	0.177	4.5	0.500	12.7	0.625	15.9	1000
13SPRT100	13SPRT100B	0.277	7.0	0.177	4.5	0.500	12.7	0.688	17.5	500
13SPRT101	13SPRT101B	0.277	7.0	0.177	4.5	0.500	12.7	0.750	19.1	1000
13SPRT102	13SPRT102B	0.277	7.0	0.177	4.5	0.500	12.7	1.188	20.6	1000
13SPRT103	13SPRT103B	0.277	7.0	0.177	4.5	0.500	12.7	0.875	22.2	1000
13SPRT104	—	0.277	7.0	0.177	4.5	0.500	12.7	1.313	23.8	1000
13SPRT105	13SPRT105B	0.277	7.0	0.177	4.5	0.500	12.7	1.000	25.4	500
13SPRT106	—	0.375	9.5	0.234	5.9	0.500	12.7	0.125	3.2	1000
13SPRT107	13SPRT107B	0.375	9.5	0.234	5.9	0.500	12.7	0.188	4.8	1000
13SPRT108	13SPRT108B	0.375	9.5	0.234	5.9	0.500	12.7	0.250	6.4	1000
13SPRT109	13SPRT109B	0.375	9.5	0.234	5.9	0.500	12.7	0.313	7.9	1000
13SPRT110	13SPRT110B	0.375	9.5	0.234	5.9	0.500	12.7	0.375	9.5	500
13SPRT111	—	0.375	9.5	0.234	5.9	0.500	12.7	0.438	11.1	1000
13SPRT112	13SPRT112B	0.375	9.5	0.234	5.9	0.500	12.7	0.500	12.7	1000
13SPRT113	—	0.375	9.5	0.234	5.9	0.500	12.7	0.563	14.3	1000
13SPRT114	13SPRT114B	0.375	9.5	0.234	5.9	0.500	12.7	0.625	15.9	1000
13SPRT115	—	0.375	9.5	0.234	5.9	0.500	12.7	0.688	17.5	1000
13SPRT116	13SPRT116B	0.375	9.5	0.234	5.9	0.500	12.7	0.750	19.1	1000
13SPRT117	—	0.375	9.5	0.234	5.9	0.500	12.7	1.188	20.6	1000
13SPRT118	—	0.375	9.5	0.234	5.9	0.500	12.7	0.875	22.2	1000
13SPRT119	13SPRT119B	0.375	9.5	0.234	5.9	0.500	12.7	1.313	23.8	1000
13SPRT120	—	0.375	9.5	0.234	5.9	0.500	12.7	1.000	25.4	1000

SPACER NUTS

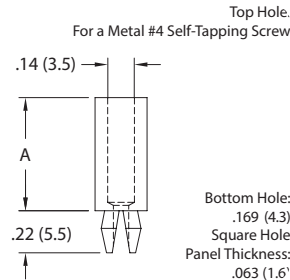
MSNE Series
Spacer Nut

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

Features:

- Square hole prevents rotation
- As screw is engaged, legs spread holding the spacer in place without use of a nut



Item No.	A		Bulk Pack Qty
	in	mm	
MSNE-2-01	0.125	3.2	1000
MSNE-4M-01	0.158	4.0	1000
MSNE-3-01	0.188	4.8	1000
MSNE-6M-01	0.236	6.0	1000
MSNE-4-01	0.250	6.4	1000
MSNE-5-01	0.313	7.9	1000
MSNE-8M-01	0.315	8.0	1000

Item No.	A		Bulk Pack Qty
	in	mm	
MSNE-6-01	0.375	9.5	1000
MSNE-10M-01	0.394	10.0	1000
MSNE-12M-01	0.472	12.0	1000
MSNE-8-01	0.500	12.7	1000
MSNE-10-01	0.625	15.9	1000
MSNE-12-01	0.750	19.1	1000
MSNE-16-01	1.000	25.4	1000

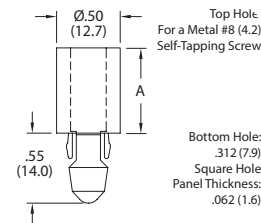
SN Series
Spacer Nut

Specifications:

- Material: UL94 HB Polycarbonate
- Color: Clear

Features:

- Fully encapsulates the screw
- Mounts with a metal #8 Type 25 self-tapping screw
- When the screw is fully engaged, the bottom tabs break free, allowing expansion of the bottom "wings", locking it in place



Item No.	A		Bulk Pack Qty
	in	mm	
SN-125	0.125	3.2	1000
SN-187	0.187	4.7	1000
SN-250	0.250	6.4	1000

Item No.	A		Bulk Pack Qty
	in	mm	
SN-312	0.312	7.9	1000
SN-375	0.375	9.5	1000
SN-500	0.500	12.7	1000

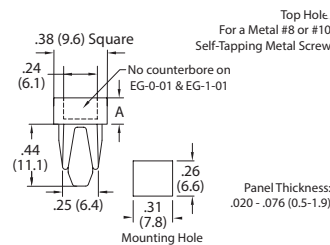
EG Series
Expansion Grommet

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Square hole prevents rotation
- As screw is engaged, legs spread holding the spacer in place without use of a nut
- Mounts with a #8 or #10 metal self-tapping screw



Item No.	A		Bulk Pack Qty
	in	mm	
EG-0-01	0.031	0.8	1000
EG-1-01	0.063	1.6	1000
EG-2-01	0.125	3.2	1000
EG-3-01	0.188	4.8	1000
EG-4-01	0.250	6.4	1000

Item No.	A		Bulk Pack Qty
	in	mm	
EG-5-01	0.313	7.9	1000
EG-6-01	0.375	9.5	1000
EG-7-01	0.438	11.1	1000
EG-8-01	0.500	12.7	1000

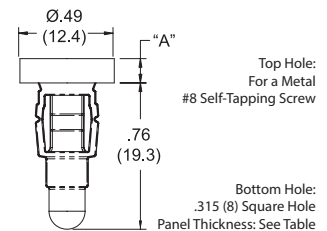
TFR Series
Toggle Screw Grommet

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- As self tapping screw is installed, the grommet expands and securely locks the screw and assembled parts in place
- Grommet legs are forced outward to help seal mounting hole
- Square hole prevents rotation
- Mounts with a metal #8 self-tapping screw



Item No.	A		Panel Thickness		Bulk Pack Qty
	in	mm	in	mm	
TFR-1	0.031	0.8	0.060 - 0.110	1.5 - 2.8	1000
TFR-2	0.125	3.2	0.020 - 0.110	0.5 - 2.8	1000
TFR-3	0.189	4.8	0.020 - 0.110	0.5 - 2.8	1000

VERTICAL MOUNT CARD GUIDES

VMCG Series
Vertical Mount Card Guides



Patent 6,547,082

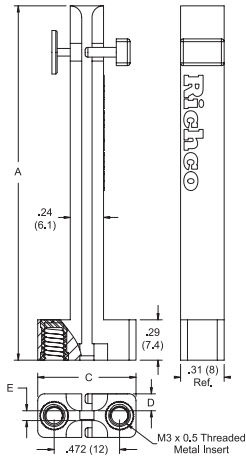


Fig. 1

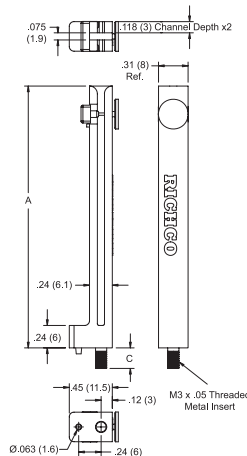


Fig. 2

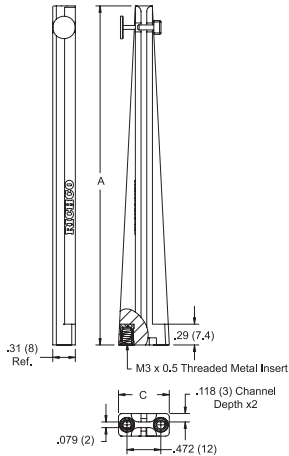


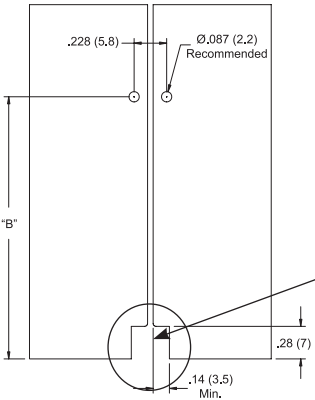
Fig. 3

Specifications:

- Material:
 - Card Guide: GF Nylon 6
 - Locking Mechanism: HDPE
 - Metal Pin: Stainless Steel
 - Screw: Mild Steel, Zinc Plated
 - Washer: Stainless Steel
 - Threaded Insert: Brass
- Color:
 - Card Guide: Gray
 - Locking Mechanism: Black

Features:

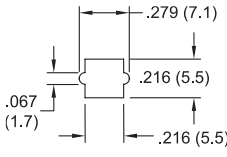
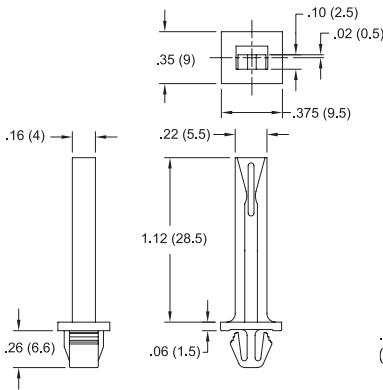
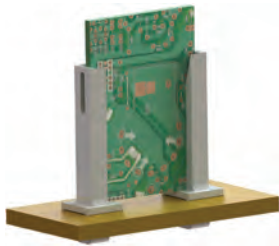
- Mounting Hole Panel Thickness: Up to 0.125 (3.18) with M3 Screw (provided)
- Locking pin holds boards in place; to engage or disengage, simply press with finger
- Double channel permits side-by-side mounting
- Includes mounting hardware: screw, washer and lock washer



Cutout Needed Only for Fig. 2
PCB Hole Locations

Item No.	A		B		C		D		E		Fig.	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm	in	mm		in	mm	
VMCG-50-MPBK-K	1.83	46.5	1.65	42.0	0.71	18.0	0.104	2.6	0.105	2.7	1	0.062	1.6	100
VMCG-65-MPBK-K	2.56	65.0	2.22	56.5	0.71	18.0	0.118	3.0	0.079	2.0	1	0.062	1.6	100
VMCG-70-MPBK-K	2.76	70.1	2.44	62.5	0.22	5.6	—	—	—	—	2	0.062	1.6	100
VMCG-90-MPBK-K	3.54	90.0	3.21	81.5	0.71	18.0	0.118	3.0	0.079	2.0	1	0.062	1.6	100
VMCG-100-MPBK-K	3.94	100.0	3.62	92.0	0.35	8.9	—	—	—	—	2	0.062	1.6	100
VMCG-135-MPBK-K	5.31	135.0	4.98	126.5	0.75	19.0	0.118	3.0	0.079	2.0	1	0.062	1.6	100
VMCG-160-MPBK-K	6.30	160.0	4.43	112.5	0.75	19.0	0.118	3.0	0.079	2.0	1	0.062	1.6	100
VMCG-320-MPBK-K	4.73	120.0	4.43	112.5	0.71	18.0	—	—	—	—	3	0.062	1.6	100
VMCG-330-MPBK-K	4.73	120.0	4.43	112.5	0.71	18.0	0.118	3.0	0.079	2.0	1	0.062	1.6	100
VMCG-360-MPBK-K	6.30	160.0	4.43	112.5	0.75	19.0	—	—	—	—	3	0.062	1.6	100

VMCGE Series
Vertical Mount Card Guide



Mounting Hole:
Snap-lock into
dimensions

Panel Thickness:
.047 - .071 (1.2 - 1.8)

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

Features:

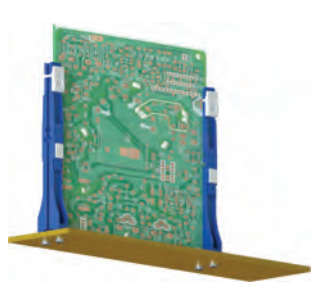
- Quick way to run a PC board to the chassis
- Rectangular hole to prevent rotation

Mounting Hole Detail

Item No.	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	
VMCGE-30M-01	0.062	1.6	1000

VERTICAL MOUNT CARD GUIDES

VMCGN Series
Vertical Mount Card Guides



Patent 6,547,082

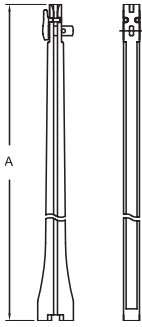


Fig. 1
Base

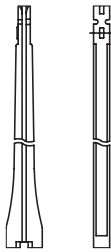


Fig. 2
Base

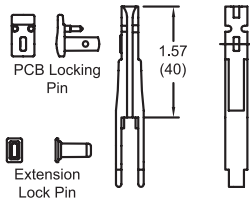


Fig. 3
Extension

Specifications:

- Material:
 - Card Guide: UL94 V-0 Polystyrene
 - Locking Mechanism: Acetal
 - Screw: Mild Steel, Zinc Plated
 - Washer: Stainless Steel
 - Threaded Insert: Brass
- Color:
 - Card Guide: Blue
 - Locking Mechanism: White

Features:

- Locking pin holds boards in place; to engage or disengage, simply press with finger
- Double channel permits side-by-side mounting
- Part numbers ending in -K include M3 screw, washer and lock washer mounting hardware

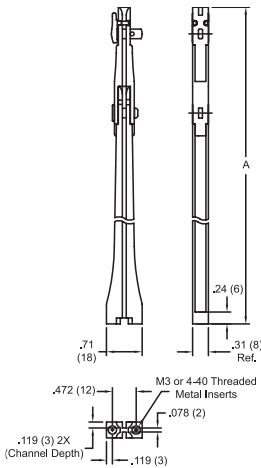
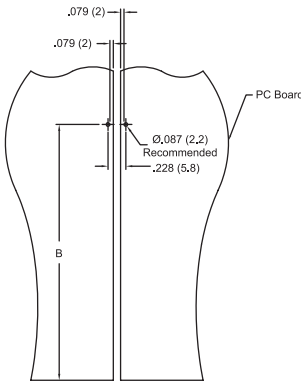


Fig 2 + Fig. 3 Assembly

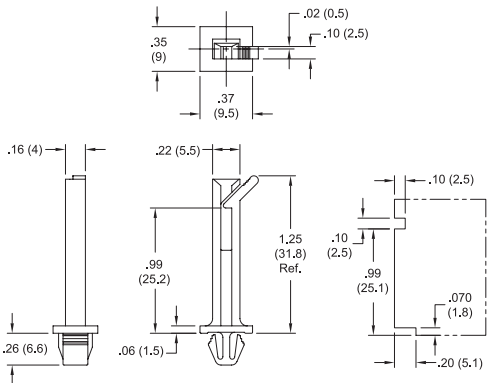
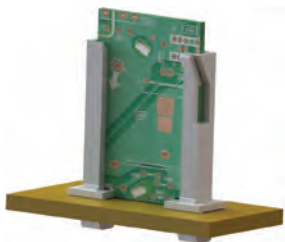


PCB Hole Locations

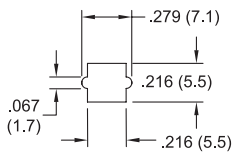
Note: Item numbers ending in 'K' include mounting hardware

Item No.	A		B		Threaded Insert	Fig.	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm			in	mm	
VMCGN65-M3-L-K	2.56	65.0	2.24	57.0	M3	1	0.079	2.0	100
VMCGN65-440-L	2.56	65.0	2.24	57.0	4-40	1	0.079	2.0	100
VMCGN105-M3-L-K	4.13	105.0	3.82	97.0	M3	2 + 3	0.079	2.0	100
VMCGN105-440-L	4.13	105.0	3.82	97.0	4-40	2 + 3	0.079	2.0	100
VMCGN120-M3-L-K	4.72	120.0	4.41	112.0	M3	1	0.079	2.0	100
VMCGN120-440-L	4.72	120.0	4.41	112.0	4-40	1	0.079	2.0	100
VMCGN160-M3-L-K	6.30	160.0	5.98	152.0	M3	2 + 3	0.079	2.0	100
VMCGN160-440-L	6.30	160.0	5.8	152.0	4-40	2 + 3	0.079	2.0	100

VMCGLE Series
Vertical Mount Card Guide Latched



PCB Cutout



Mounting Hole Detail

Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

Features:

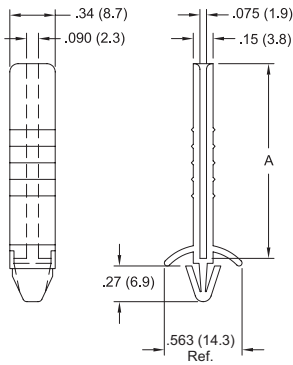
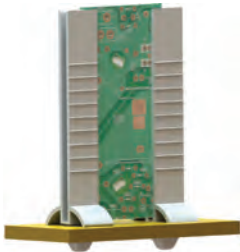
- Board is held in place by locking tab
- Mounts into a square hole to prevent rotation
- Board is easily released

Mounting Hole:
Snap-lock into above dimensions
Panel Thickness:
0.047 - 0.071 (1.2 - 1.8)

Item No.	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	
VMCGLE-31M-01	0.062	1.6	1000

VERTICAL MOUNT CARD GUIDES

CBG Series
Circuit Board Guide



Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

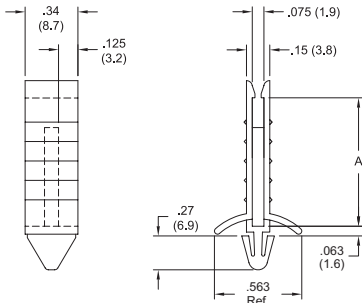
Features:

- Vertical mount for boards of any width
- Double channel permits side-by-side mounting
- PC board easily slides in and out

Mounting Hole:
Snap-lock: 0.175 x 0.310 (4.45 x 7.87)
Rectangular Hole
Panel Thickness:
0.030 - 0.070 (0.8 - 1.8)

Item No.	A		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	
CBG-1-01	1.0	25.4	0.062	1.6	100
CBG-1.5-01	1.5	38.1	0.062	1.6	100
CBG-2-01	2.0	50.8	0.062	1.6	100
CBG-3-01	3.0	76.5	0.062	1.6	100

LCBG Series
Locking Circuit Board Guide



Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

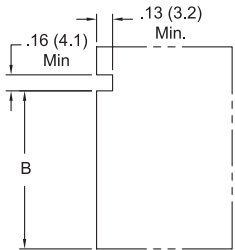
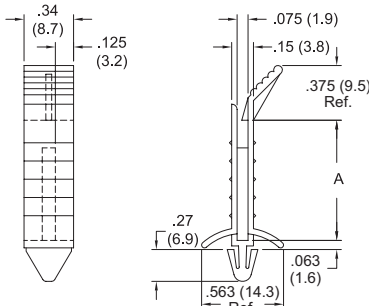
Features:

- Locking tabs hold board in place
- Vertical mount for boards of any width
- Double channel permits side-by-side mounting

Mounting Hole:
Snap-lock: 0.175 x 0.310 (4.5 x 7.9)
Rectangular Hole
Panel Thickness:
0.030 - 0.070 (0.8 - 1.8)

Item No.	A		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	
LCBG-1-01	0.880	22.4	0.062	1.6	100
LCBG-1.5-01	1.375	34.9	0.062	1.6	100
LCBG-2-01	1.870	47.5	0.062	1.6	100
LCBG-3-01	2.875	73.0	0.062	1.6	100

LCBG-T Series
Releasable Locking Circuit Board Guide



Specifications:

- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

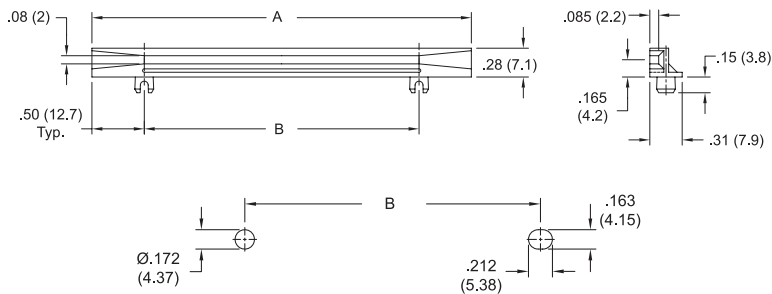
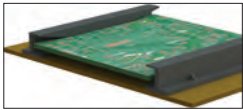
Features:

- Double channel permits side-by-side mounting
- Board is held in place by locking tab
- Board is easily released

Mounting Hole:
Snap-lock: 0.175 x 0.310 (4.5 x 7.9)
Rectangular Hole
Panel Thickness:
0.030 - 0.070 (0.8 - 1.8)

Item No.	A		B		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
LCBG-1T-01	0.880	22.4	0.865	22.0	0.062	1.6	100
LCBG-1.5T-01	1.375	34.9	1.360	34.5	0.062	1.6	100
LCBG-2T-01	1.870	47.5	1.855	47.1	0.062	1.6	100
LCBG-3T-01	2.875	73.0	2.860	72.6	0.062	1.6	100

RSSHG Series
Single Sided Horizontal Card Guide



Specifications:

- Material: UL94 V-0 Nylon 6/6
- Color: Black

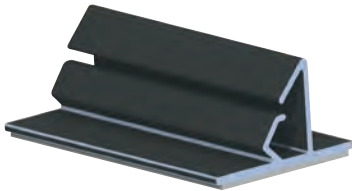
Features:

- Innovative mounting method for horizontal mounting
- Firm retention for any board width

Recommended Mounting Holes
Mounts into Panel Thickness: 0.047 - 0.090 (1.2 - 2.3)

Item No.	A		B		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
RSSHG-201-165	2.0	50.8	1.0	25.4	0.062	1.6	500
RSSHG-251-165	2.5	63.5	1.5	38.1	0.062	1.6	500
RSSHG-301-165	3.0	76.2	2.0	50.8	0.062	1.6	500
RSSHG-351-165	3.5	88.9	2.5	63.5	0.062	1.6	500
RSSHG-401-165	4.0	101.6	3.0	76.2	0.062	1.6	500
RSSHG-451-165	4.5	114.3	3.5	88.9	0.062	1.6	500
RSSHG-501-165	5.0	127.0	4.0	101.6	0.062	1.6	500
RSSHG-601-165	6.0	152.4	5.0	127.0	0.062	1.6	500

BMS-S Series
Board Mounting Strip

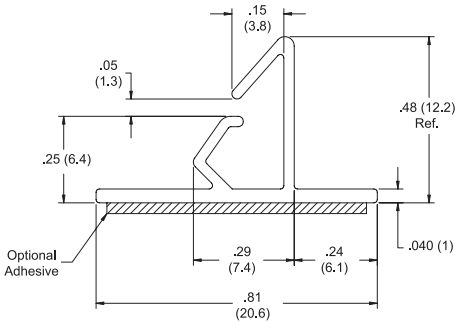


Specifications:

- Material: UL94 V-0 Rigid PVC
- Color: Black

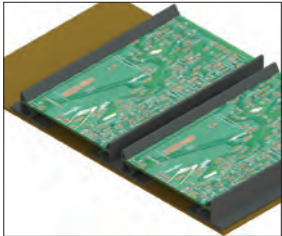
Features:

- Horizontal mount for boards of any length or width
- Adhesive: Optional 1/16 (1.6) thick double sided adhesive
- Standard Pack: 100 feet: 25 pieces x 48" (25 pieces x 1219.2mm) lengths



Item No.	Adhesive	Bulk Pack Qty
BMS-S-48	No	100
BMS-SA-48	Yes	100

BMS-D Series
Board Mounting Strip- Double Sided

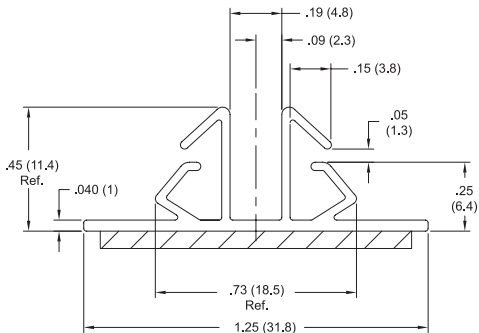


Specifications:

- Material: UL94 V-0 Rigid PVC
- Color: Black

Features:

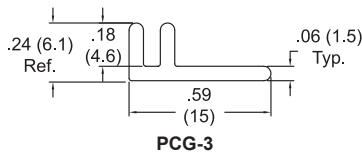
- Horizontal mount for boards of any length or width
- Adhesive: Optional 1/16 (1.6) thick double sided adhesive
- Standard Pack: 100 feet: 25 pieces x 48" (25 pieces x 1219.2mm) lengths



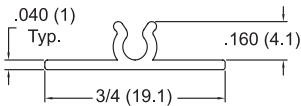
Item No.	Adhesive	Bulk Pack Qty
BMS-D-48	No	100
BMS-DA-48	Yes	100

CARD GUIDES

PCG Series
Printed Circuit Guide



PCG-3

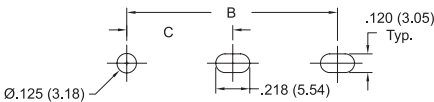
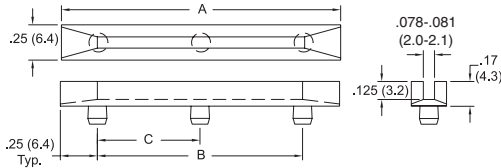


PCG-4

- Specifications:
- Material: See table
 - Color: Gray
- Features:
- Provided in 4-foot lengths that can be cut to desired length
 - Optional Adhesive: 1/16 (1.6) thick double sided adhesive
 - Standard Pack: 100 feet: 25 pieces x 48" (25 pieces x 1219.2 mm) lengths

Item No.	Material	Adhesive	Accepts PCB Thickness		Bulk Pack Qty
			in	mm	
PCG-3-48	UL94 HB ABS	No	0.062	1.6	1 - 100 Ft
PCG-3A-48	UL94 HB ABS	Yes	0.062	1.6	1 - 100 Ft
PCG-4-48	UL94 V-0 PVC	No	0.062	1.6	1 - 100 Ft
PCG-4A-48	UL94 V-0 PVC	Yes	0.062	1.6	1 - 100 Ft

RN/21CGS Series
Snap-in Narrow Card Guide

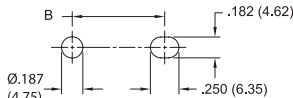
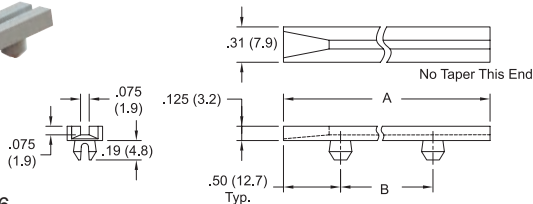


Recommended Mounting Holes
Mounts into Panel Thickness: 0.047 - 0.085 (1.2 - 2.2)

- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: See Table
- Features:
- Narrow width allows for higher density or optimum air flow

Item No.		A		B		C		CB Thickness		Leg Design	Bulk Pack Qty
Natural	Black	in	mm	in	mm	in	mm	in	mm		
21CGS00250WS	—	2.5	63.5	2.0	50.8	—	—	0.062	1.6	Slotted	500
21CGS00250	21CGS00250B	2.5	63.5	2.0	50.8	—	—	0.062	1.6	Solid	500
21CGS00300WS	—	3.0	76.2	2.5	63.5	—	—	0.062	1.6	Slotted	500
21CGS00300	—	3.0	76.2	2.5	63.5	—	—	0.062	1.6	Solid	500
21CGS00350	—	3.5	88.9	3.0	76.2	—	—	0.062	1.6	Solid	500
21CGS00400WS	—	4.0	101.6	3.5	88.9	—	—	0.062	1.6	Slotted	500
21CGS00400	—	4.0	101.6	3.5	88.9	—	—	0.062	1.6	Solid	500
21CGS00450WS	—	4.5	114.3	4.0	101.6	—	—	0.062	1.6	Slotted	500
21CGS00450	—	4.5	114.3	4.0	101.6	—	—	0.062	1.6	Solid	500
21CGS00500WS	—	5.0	127	4.5	114.3	—	—	0.062	1.6	Slotted	500
21CGS00500	—	5.0	127	4.5	114.3	—	—	0.062	1.6	Solid	500
21CGS00550WS	—	5.5	139.7	5.0	127	—	—	0.062	1.6	Slotted	500
21CGS00550	—	5.5	139.7	5.0	127	—	—	0.062	1.6	Solid	500
21CGS00600WS	21CGS00600WSB	6.0	152.4	5.5	139.7	—	—	0.062	1.6	Slotted	500
21CGS00600	—	6.0	152.4	5.5	139.7	—	—	0.062	1.6	Solid	500
RN-650-2	—	6.5	164.1	6.0	152.4	—	—	0.062	1.6	Solid	500
RN-700-3	—	7.0	177.8	6.5	164.1	3.25	82.2	0.062	1.6	Solid	500
RN-750-3	—	7.5	190.5	7.0	177.8	3.50	88.5	0.062	1.6	Solid	500
RN-800-3	—	8.0	203.2	7.5	190.5	3.75	94.9	0.062	1.6	Solid	500
RN-850-3	—	8.5	215.9	8.0	203.2	4.00	101.6	0.062	1.6	Solid	500

RSFS Series
Snap-in Card Guide



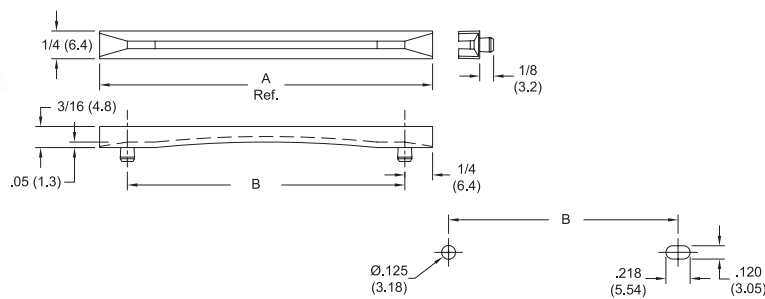
- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

Recommended Mounting Holes
Mounts into Panel Thickness: 0.047 - 0.090 (1.2 - 2.3)

Item No.	A Ref.		B	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	mm	
RSFS-250	2.5	63.5	1.5	38.1	0.062 1.6	500
RSFS-300	3.0	76.2	2.0	50.8	0.062 1.6	500
RSFS-350	3.5	88.9	2.5	63.5	0.062 1.6	500
RSFS-400	4.0	101.6	3.0	76.2	0.062 1.6	500
RSFS-450	4.5	114.3	3.0	76.2	0.062 1.6	500

Item No.	A Ref.		B	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	mm	
RSFS-451	4.5	114.3	3.5	88.9	0.062 1.6	500
RSFS-500	5.0	127.0	4.0	101.6	0.062 1.6	500
RSFS-550	5.5	139.7	4.5	114.3	0.062 1.6	500
RSFS-600	6.0	152.4	5.0	127.0	0.062 1.6	500
RSFS-700	7.0	177.8	6.0	152.4	0.062 1.6	500
RSFS-800	8.0	203.2	7.0	177.8	0.062 1.6	500

RCG Series
Snap-in Rack Card Guide



Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

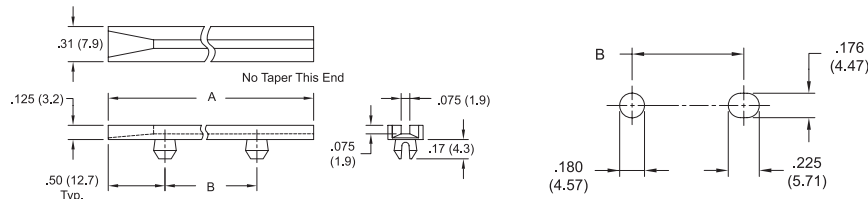
Features:

- Tapered on both ends to ease insertion of the PC board

Recommended Mounting Holes
Mounts into Panel Thickness: 0.062 (1.6)

Item No.	A Ref.		B		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
RCG-1	3.0	76.2	2.5	63.5	0.062	1.6	500
RCG-2	4.0	101.6	3.5	88.9	0.062	1.6	500
RCG-3	6.0	152.4	5.5	139.7	0.062	1.6	500
RCG-4	8.5	215.9	8.0	203.2	0.062	1.6	500

RSSD Series
Snap-in Card Guide



Recommended Mounting Holes
Mounts into Panel Thickness: 0.047-0.090 (1.2-2.3)

Item No.	A Ref.		B		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
RSSD-250	2.5	63.5	1.5	38.1	0.062	1.6	500
RSSD-300	3.0	76.2	2.0	50.8	0.062	1.6	500
RSSD-350	3.5	88.9	2.5	63.5	0.062	1.6	500
RSSD-400	4.0	101.6	3.0	76.2	0.062	1.6	500
RSSD-450	4.5	114.3	3.5	88.9	0.062	1.6	500
RSSD-450-300	4.5	114.3	3.0	76.2	0.062	1.6	500
RSSD-500	5.0	127.0	4.0	101.6	0.062	1.6	500
RSSD-550	5.5	139.7	4.5	114.3	0.062	1.6	500
RSSD-600	6.0	152.4	5.0	127.0	0.062	1.6	500
RSSD-650	6.5	164.1	5.5	139.7	0.062	1.6	500
RSSD-700	7.0	177.8	6.0	152.4	0.062	1.6	500
RSSD-750	7.5	190.5	6.5	165.1	0.062	1.6	500
RSSD-800	8.0	203.2	7.0	177.8	0.062	1.6	500

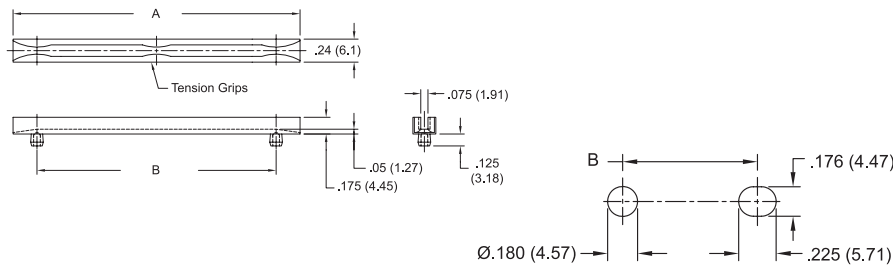
Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- No tools required for assembly

RCGH Series
Snap-in Rack Card Guide



Recommended Mounting Holes
Mounts into Panel Thickness: 0.062 (1.6)

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

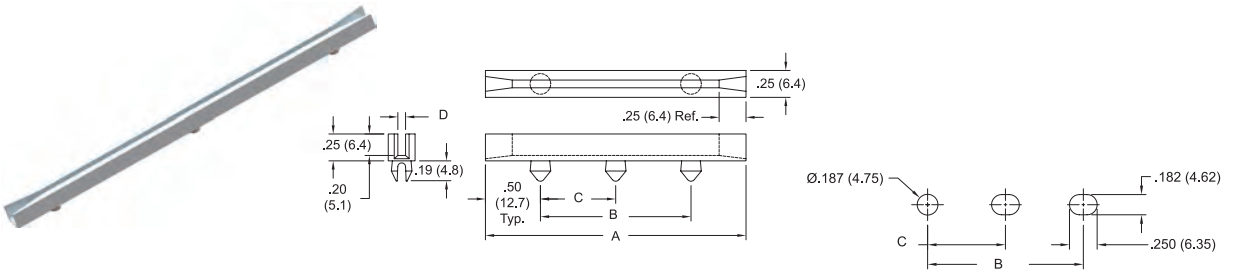
Features:

- Side grips hold board in place
- Hollow pin design eases insertion

Item No.	A Ref.		B		Number of Grips	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm		in	mm	
RCGH-25	2.5	63.5	2.0	50.8	2	0.062	1.6	500
RCGH-30	3.0	76.2	2.5	63.5	3	0.062	1.6	500
RCGH-35	3.5	88.9	3.0	76.2	3	0.062	1.6	500
RCGH-40	4.0	101.6	3.5	88.9	4	0.062	1.6	500
RCGH-45	4.5	114.3	4.0	101.6	4	0.062	1.6	500
RCGH-50	5.0	127.0	4.5	114.3	4	0.062	1.6	500
RCGH-55	5.5	139.7	5.0	127.0	5	0.062	1.6	500
RCGH-60	6.0	152.4	5.5	139.7	5	0.062	1.6	500

HORIZONTAL CARD GUIDES

RDC Series
Deep Channel Snap-in Card Guide

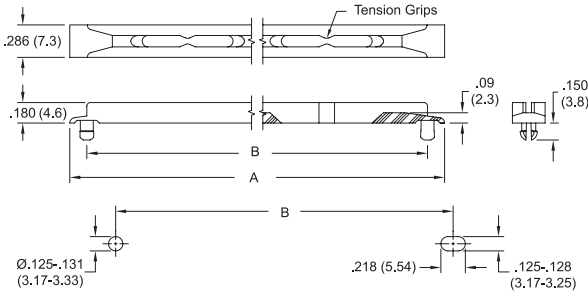


Recommended Mounting Holes
Mounts into Panel Thickness: 0.047 - 0.090 (1.2 - 2.3)

- Specifications:
- Material: UL94 V-0 Glass-Filled Nylon 6/6
 - Color: Black
- Features:
- Slot depth of 0.200 allows for maximum board retention
 - Good for high vibration and shock applications

Item No.	A Ref.		B		C		D		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm	in	mm	
RDC-250	2.5	63.5	1.5	38.1	—	—	0.080	2.0	0.062	1.6	500
RDC-450	4.5	114.3	3.5	88.9	—	—	0.080	2.0	0.062	1.6	500
RDC-600	6.0	152.4	5.0	127.0	—	—	0.080	2.0	0.062	1.6	500
RDC-800	8.0	203.2	7.0	177.8	3.5	88.9	0.080	2.0	0.062	1.6	500
RDC-450-102	4.5	114.3	3.5	88.9	—	—	0.102	2.6	0.094	2.4	500
RDC-600-102	6.0	152.4	5.0	127.0	—	—	0.102	2.6	0.094	2.4	500
RDC-800-102	8.0	203.2	7.0	177.8	3.5	88.9	0.102	2.6	0.094	2.4	500
RDC-450-130	4.5	114.3	3.5	88.9	—	—	0.132	3.4	0.125	3.2	500
RDC-600-130	6.0	152.4	5.0	127.0	—	—	0.132	3.4	0.125	3.2	500
RDC-800-130	8.0	203.2	7.0	177.8	3.5	88.9	0.132	3.4	0.125	3.2	500

TCG Series
Tension Card Guide

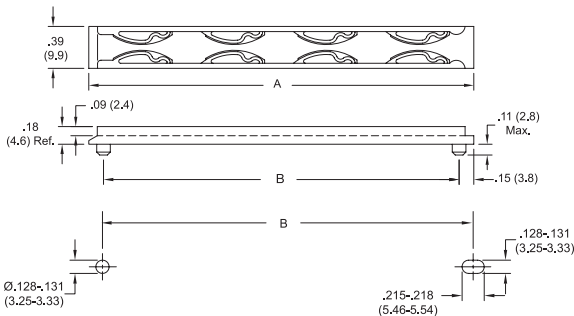
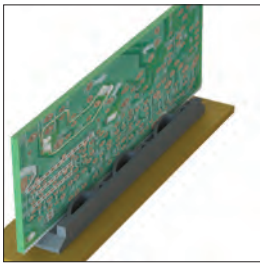


Recommended Mounting Holes
Mounts into Panel Thickness: 0.062 (1.6)

- Specifications:
- Material: UL94 V-0 Polycarbonate
 - Color: Black
- Features:
- Tension grips apply spring pressure to hold boards
 - Slotted surface improves ventilation

Item No.	A		B		Number of Tension Grips	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm		in	mm	
TCG1-2.500-23	2.500	63.5	2.200	55.9	1	0.062	1.6	500
TCG1-3.300-23	3.300	83.8	3.000	76.2	2	0.062	1.6	500
TCG1-3.925-23	3.925	99.7	3.625	92.1	2	0.062	1.6	500
TCG1-6.675-23	6.675	169.5	6.375	161.9	4	0.062	1.6	500

TRCG Series
Tension Rack Card Guide

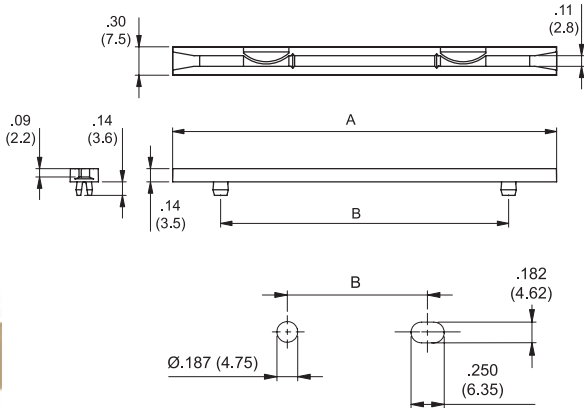
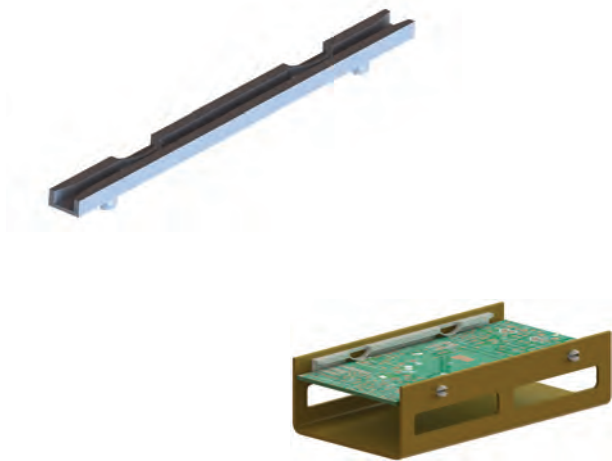


Recommended Mounting Holes
Mounts into Panel Thickness: 0.06 - 0.07 (1.5 - 1.8)

- Specifications:
- Material: UL94 V-0 Polycarbonate
 - Color: Black
- Features:
- Tension wings provide firm retention of the PCB

Item No.	A		B		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
TRCG-2.500	2.50	63.5	2.200	55.9	0.050 - 0.087	1.3 - 2.2	500
TRCG-3.300	3.30	83.8	3.000	76.2	0.050 - 0.087	1.3 - 2.2	500
TRCG-3.925	3.93	99.7	3.625	92.1	0.050 - 0.087	1.3 - 2.2	500
TRCG-6.675	6.68	169.6	6.375	161.9	0.050 - 0.087	1.3 - 2.2	500

MPCG/MPCGCN Series
Multi Panel Snap-in Card Guide Nylon and Conductive Nylon



Recommended Mounting Holes

Mounts into Panel Thickness: 0.020 - 0.079 (0.5 - 2)

Specifications:

- Material: UL94 V-0 Nylon 6/6
- Color: Natural

Features:

- Tension wings provide firm retention of the PCB
- Funnel entry for easy board insertion

Item No.	A Ref.		B		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
MPCG-250	2.5	63.5	1.5	38.1	0.032 - 0.079	0.8 - 2.0	500
MPCG-300	3.0	76.2	2.0	50.8	0.032 - 0.079	0.8 - 2.0	500
MPCG-400	4.0	101.6	3.0	76.2	0.032 - 0.079	0.8 - 2.0	500
MPCG-550	5.5	139.7	4.5	114.4	0.032 - 0.079	0.8 - 2.0	500

Specifications:

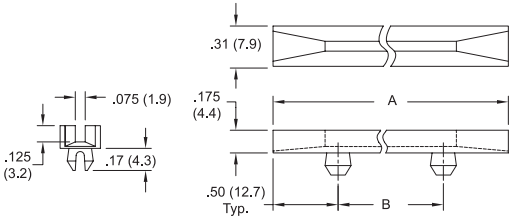
- Material: Conductive Compound Nylon 6
- Color: Black

Features:

- Molded from conductive material
- Helps to protect static sensitive components from electro-static discharge

Item No.	A Ref.		B		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
MPCGCN-250	2.5	63.5	1.5	38.1	0.032 - 0.079	0.8 - 2.0	500
MPCGCN-300	3.0	76.2	2.0	50.8	0.032 - 0.079	0.8 - 2.0	500
MPCGCN-400	4.0	101.6	3.0	76.2	0.032 - 0.079	0.8 - 2.0	500
MPCGCN-550	5.5	139.7	4.5	114.4	0.032 - 0.079	0.8 - 2.0	500

RSDC Series
Snap-in Card Guide



Recommended Mounting Holes

Mounts into Panel Thickness: 0.047 - 0.090 (1.2 - 2.3)

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

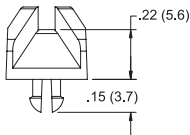
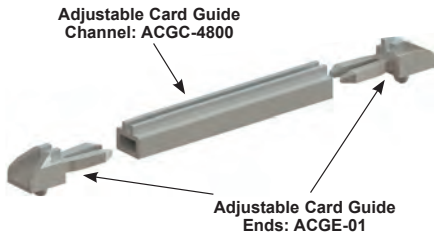
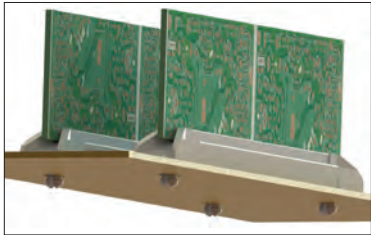
Features:

- Tapered on both ends to ease insertion of the PC board

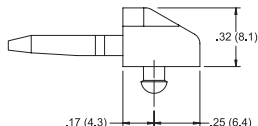
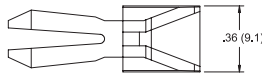
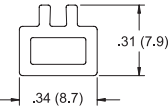
Item No.	A		B		Accepts PCB Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
RSDC-250	2.5	63.5	1.5	38.1	0.062	1.6	500
RSDC-300	3.0	76.2	2.0	50.8	0.062	1.6	500
RSDC-350	3.5	88.9	2.5	63.5	0.062	1.6	500
RSDC-400	4.0	101.6	3.0	76.2	0.062	1.6	500
RSDC-450	4.5	114.3	3.5	88.9	0.062	1.6	500
RSDC-500	5.0	127.0	4.0	101.6	0.062	1.6	500
RSDC-550	5.5	139.7	4.5	114.3	0.062	1.6	500
RSDC-600	6.0	152.4	5.0	127.0	0.062	1.6	500
RSDC-650	6.5	164.1	5.5	139.7	0.062	1.6	500
RSDC-700	7.0	177.8	6.0	152.4	0.062	1.6	500
RSDC-750	7.5	190.5	6.5	165.1	0.062	1.6	500
RSDC-800	8.0	203.2	7.0	177.8	0.062	1.6	500

CARD GUIDES

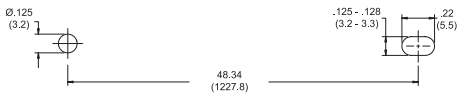
ACGC/ACGE Series
Adjustable Card Guide



ACGC



ACGE



Recommended Mounting Holes
Mounts into Panel Thickness: 0.062 (1.6)

Specifications:

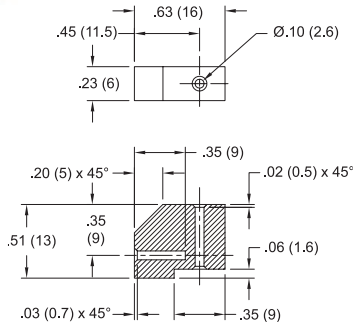
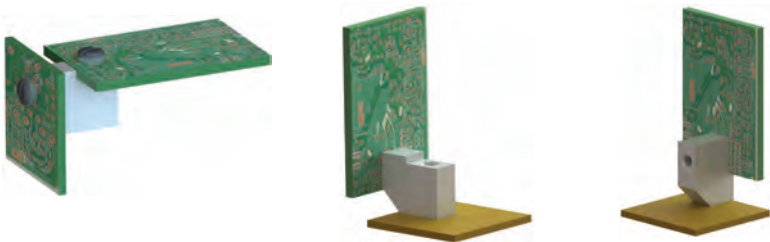
- Material: See table
- Color: Natural

Features:

- Adjustable design; insert ACGE-01 end pieces into ACGC channel and snap into chassis holes
- Channel is provided in 4-foot lengths that can be cut to desired length

Item No.	Description	Material	Accepts PCB Thickness		Bulk Pack Qty
			in	mm	
ACGE-01	End Pieces	UL94 V-2 Nylon 6/6	0.062	1.6	100 per bag
ACGC-4800	Channel	UL94 V-0 PVC	0.062	1.6	100 feet: 25 pieces x 48" (25 pieces x 1219 mm)

PCB-MB Series
Printed Circuit Board Mounting Block



Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Mounts PCBs to chassis or to other PC Boards
- Various mounting modes available to fit specific board needs

Mounting Holes: For Metal #4 / M3 Self-Tapping Screws

Item No.	Bulk Pack Qty
PCB-MB-01	1000

CARD INSERTER, EJECTOR & PULLER

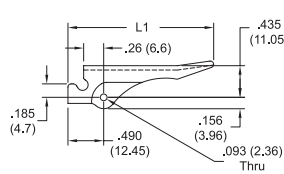
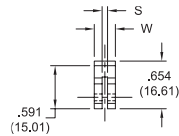
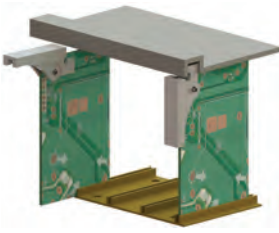
R1107 Series
PCB Inserter/Extractor

Fig. 1

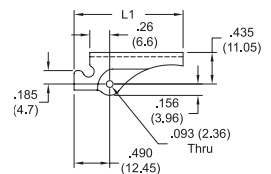


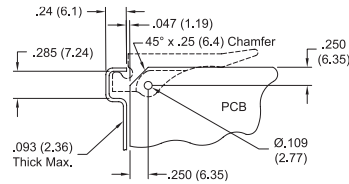
Fig. 2

Specifications:

- Material: UL94 V-0 Nylon 6/6
- Color: Natural

Features:

- Roll Pins supplied with each inserter/extractor (see page 71)
- Strong and rigid with optimum leverage to assist in both insertion and extraction



Typical Application

Item No.	S		W		L1		PCB Thickness		Fig.	Roll Pin Supplied	Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm			
R1107-062	0.075	1.9	0.290	7.4	2.0	50.8	0.062	1.6	1	RRP-250	100
R11073-062	0.075	1.9	0.350	8.9	2.0	50.8	0.062	1.6	1	RRP-312	100
R11073-093	0.100	2.5	0.350	8.9	2.0	50.8	0.093	2.4	1	RRP-312	100
R110710-062	0.075	1.9	0.290	7.4	1.5	38.1	0.062	1.6	2	RRP-250	100
R1107310-093	0.100	2.5	0.350	8.9	1.5	38.1	0.093	2.4	2	RRP-312	100

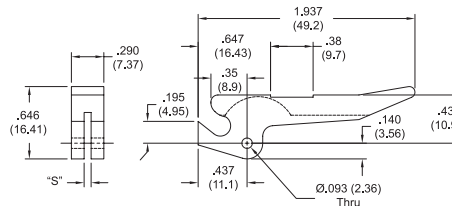
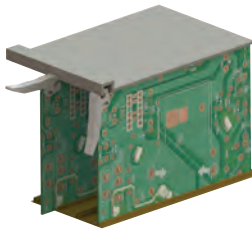
R1001/R1002/R1209 Series
PCB Inserter/Extractor

Fig. 1

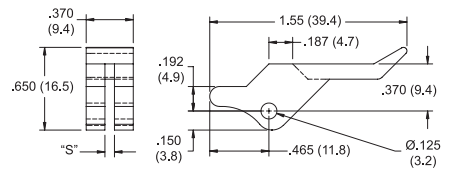


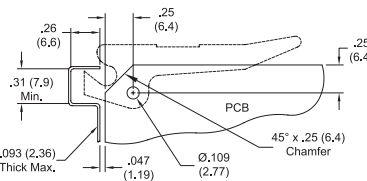
Fig. 2

Specifications:

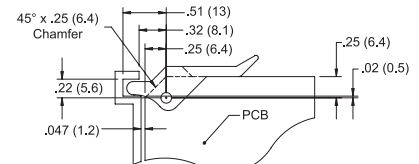
- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Strong and rigid with optimum leverage to assist in both insertion and extraction
- RRP roll pin is supplied for mounting (see page 71)

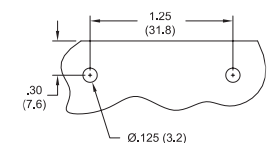
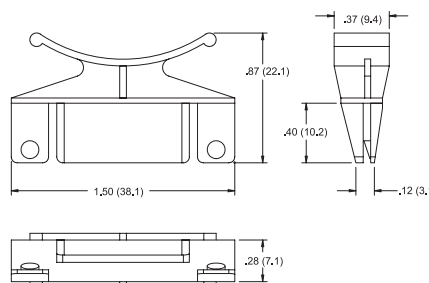
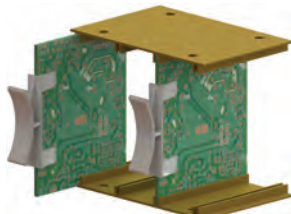


Typical Application



Typical Application

Item No.	S		PCB Thickness		Fig.	Roll Pin	Bulk Pack Qty
	in	mm	in	mm			
R1001-062	0.075	1.9	0.062	1.6	1	RRP-250	100
R1002-093	0.100	2.5	0.093	2.4	1	RRP-250	100
R1209-062	0.075	1.9	0.062	1.6	2	RRP-375	100

CCP-1-01 Series
PCB Puller

Recommended Mounting Holes

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Curved tab provides fingertip grip for board insertion and extraction

Item No.	Accepts PCB Thickness		Bulk Pack Qty
	in	mm	
CCP-1-01	0.062	1.6	500

CARD EJECTORS

RCP Series
PCB Ejector

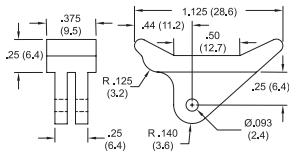
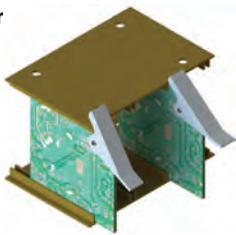


Fig. 1

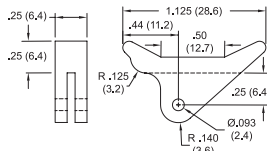


Fig. 2

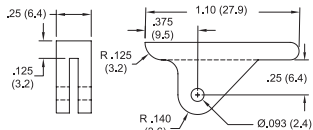


Fig. 3

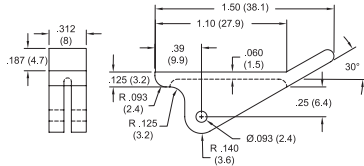


Fig. 4

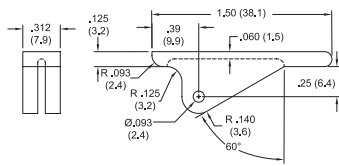


Fig. 5

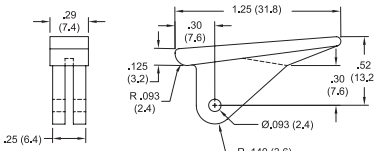


Fig. 6

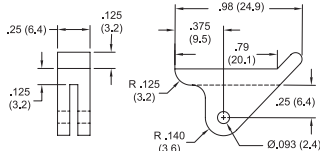
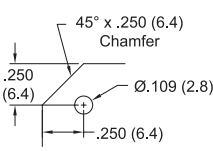


Fig. 7



Recommended
Mounting Hole

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Item No.	PCB Thickness		Fig.	Roll Pin Supplied	Bulk Pack Qty
	in	mm			
RCP-06	0.062	1.6	1	RRP-250	500
RCP-09	0.093	2.4	1	RRP-250	500
RCP-26	0.062	1.6	2	RRP-250	500
RCP-36	0.062	1.6	3	RRP-250	500
RCP-46	0.062	1.6	4	RRP-312	500

Features:

- Strong and rigid with optimum leverage to assist in extraction
- RRP roll pin is supplied for mounting (see below)

Item No.	PCB Thickness		Fig.	Roll Pin Supplied	Bulk Pack Qty
	in	mm			
RCP-56	0.062	1.6	5	RRP-312	500
RCP-66	0.062	1.6	6	RRP-250	500
RCP-86	0.062	1.6	7	RRP-250	500
RCP-89	0.093	2.4	7	RRP-250	500

CBE Series
PCB Ejector

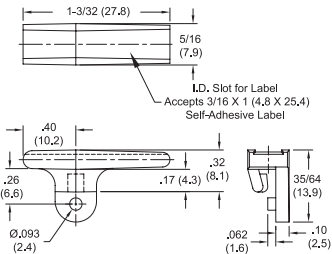


Fig. 1

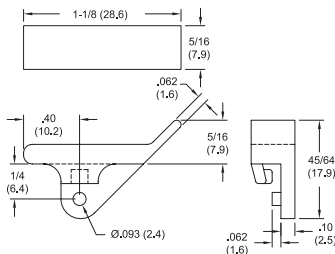
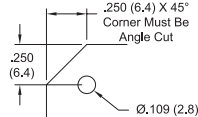


Fig. 2



Recommended
Mounting Hole

Specifications:

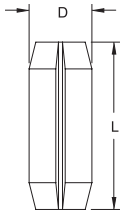
- Material: UL94 V-2 Nylon 6/6
- Color: See table

Features:

- Fits onto 0.109 (2.8mm) diameter hole in a board 1/16 (1.6mm) thick
- Leverage against guide rack or chassis to eject board

Item No.	Color	Fig.	Bulk Pack Qty
CBE-1	Natural	1	1000
CBE-8	Natural	2	1000
CBE-11	Black	2	1000

RRP Series
PCB Round Roll Pin



Specifications:

- Material: 302 Stainless Steel

Features:

- Round roll pin is provided with certain inserters for installation

Roll Pins for use with the following card ejectors, inserters/extractors:

RRP-250	RRP-312	RRP-375
RCP-06	RCP-46	R1209-062
RCP-09	RCP-56	R1209-093
RCP-26	R11073-062	
RCP-36	R11073-093	
RCP-66	R11073-125	
RCP-86	R1107310-062	
RCP-89	R1107310-093	
R1001-062	R1107310-125	
R1007-062		
R110710-062		

Item No.	D		L		Bulk Pack Qty
	in	mm	in	mm	
RRP-250	0.093	2.4	0.250	6.4	100
RRP-312	0.093	2.4	0.312	8.0	100
RRP-375	0.125	3.2	0.375	9.5	100

FAN MOUNTS

FM Series
Fan Mounts

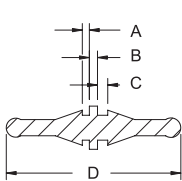
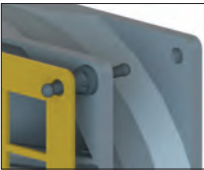


Fig. 1

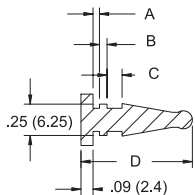


Fig. 2

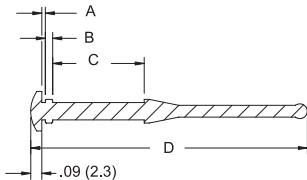


Fig. 3

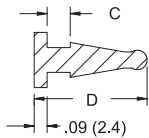


Fig. 4

Specifications:

- Material: See table
- Color: Black

Features:

- Fast mounting of fans eliminating the need for screws
- May reduce noise caused by the vibration of the fan

Item No.	Fig.	Ø Hole		Fan Thickness		Max. Panel Thickness		Material	A		B		C		D		Bulk Pack Qty
		in	mm	in	mm	in	mm		in	mm	in	mm	in	mm	in	mm	
FM-1	1	0.197	5.0	0.079	2.0	0.055	1.4	EPDM Rubber, 30 Shore A	0.05	1.3	0.06	1.5	0.07	1.9	1.27	32.3	1000
FM-2	1	0.197	5.0	0.079	2.0	0.055	1.4	EPDM Rubber, 40 Shore A	0.05	1.3	0.06	1.5	0.07	1.9	1.27	32.3	1000
FM-3	2	0.197	5.0	0.122	3.1	0.055	1.4	EPDM Rubber, 30 Shore A	0.05	1.3	0.06	1.5	0.12	3.0	0.88	22.2	1000
FM-4	2	0.197	5.0	0.122	3.1	0.055	1.4	EPDM Rubber, 40 Shore A	0.05	1.3	0.06	1.5	0.12	3.0	0.88	22.2	1000
FM-5	3	0.138	3.5	0.787	20.0	0.031	0.8	Silicone Rubber, 40 Shore A	0.03	0.7	0.06	1.5	0.73	18.5	2.20	56.0	1000
FM-6	3	0.161	4.3	0.591	15.0	0.118	3.0	Silicone Rubber, 40 Shore A	0.10	2.5	0.08	2.0	0.55	14.0	2.12	53.8	1000
FM-7	3	0.138	3.5	0.98 - 1.10	25.0 - 28.0	0.031	0.8	Silicone Rubber, 40 Shore A	0.03	0.7	0.06	1.5	0.94	24.0	2.87	73.0	1000
FM-8	4	0.197	5.0	0.213	5.4*	0.031	0.8	EPDM Rubber, 30 Shore A	—	—	—	—	0.17	4.3	0.83	21.0	1000
FM-9	4	0.197	5.0	0.213	5.4*	0.031	0.8	EPDM Rubber, 40 Shore A	—	—	—	—	0.17	4.3	0.83	21.0	1000

* Total thickness of panel and fan combined

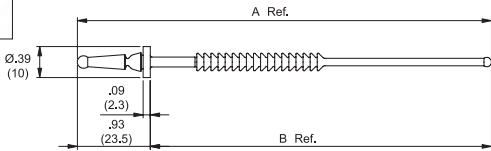
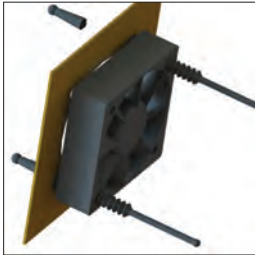
FMB Series
Break Away Fan Mount

Specifications:

- Material: UL94 HB
Silicone Rubber 40 Shore A
- Color: Black

Features:

- Evenly spaced flexible ribs allow mounting fans of many different heights
- Pull-through, break away installation tabs ease installation, especially in blind corners
- Pull-tab breaks away cleanly after installation for low profile panels
- Easy assembly when mounting in restricted spaces
- To save space, end can be cut off after mounting



Item No.	A Ref.		B Ref.		Ø Fan Hole		Fan Thickness		Ø Panel Hole		Panel Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
FMB-1	5.26	133.5	4.33	110.0	0.18 - 0.20	4.0 - 4.5	0.98 - 2.01	25.0 - 51.0	0.18 - 0.20	4.5 - 5.0	0.03 - 0.06	0.8 - 1.6	1000
FMB-2	3.29	83.5	2.36	60.0	0.13 - 0.14	3.2 - 3.5	Up to 0.40	Up to 10.0	0.18 - 0.20	4.5 - 5.0	0.03 - 0.06	0.8 - 1.6	1000

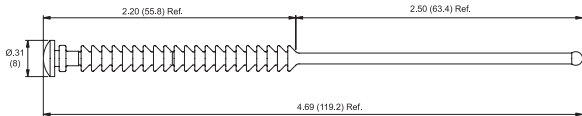
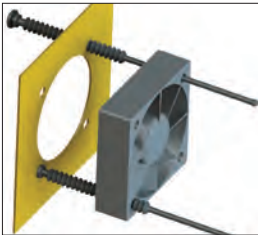
FMM Series
Multi Fan Mount

Specifications:

- Material: UL94 HB
Silicone Rubber 40 Shore A
- Color: Black

Features:

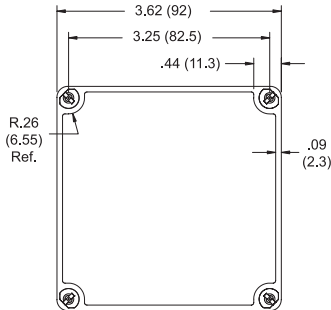
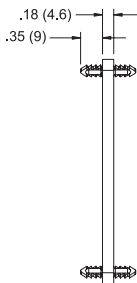
- One piece design fits all industry standard DC fans from 0.39 - 2.00 (10.0 - 51.0) thick
- Easy assembly when mounting in restricted spaces
- To save space, end can be cut off after mounting



Item No.	Fan Thickness		Ø Fan Hole		Panel Thickness		Ø Panel Hole		Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm	
FMM-1	0.39 - 2.00	10.0 - 51.0	0.126 - 0.177	3.2 - 4.5	0.039 - 0.059	1.0 - 1.5	0.177 - 0.189	4.5 - 4.8	500

FAN MOUNTS

FMPT Series
Barbed Fan Mount



Specifications:

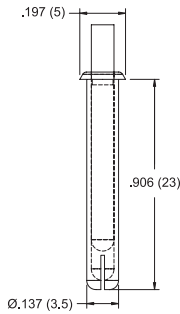
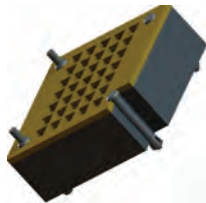
- Material: UL94 HB ABS
- Color: Black

Features:

- Designed to fit a 92 mm fan
- One-piece design; no mounting hardware required
- Can be used to mount a fan to a chassis
- Can also be used to mount two fans back to back

Item No.	Ø Mounting Hole x 4		Minimum Panel Thickness		Bulk Pack Qty
	in	mm	in	mm	
FMPT-92	0.177	4.5	0.146	3.7	40

FR Series
Fan Mount Rivet



Specifications:

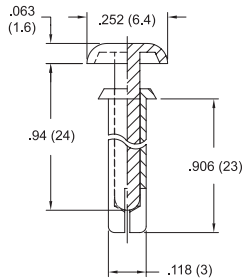
- Material: UL94 V-2 Nylon 6
- Color: Black

Features:

- Permanently mounts fan to chassis, or finger guards to fan
- Provides tamper resistant application
- Prongs expand to hold securely as pin is driven in
- Single-operation front mounting saves time and money

Item No.	Ø Hole		Mounting Thickness		Bulk Pack Qty
	in	mm	in	mm	
FR-1	0.137 - 0.138	3.49 - 3.51	0.807 - 0.846	20.5 - 21.5	1000

SR-3230B Series
Fan Mount Snap Rivet



Specifications:

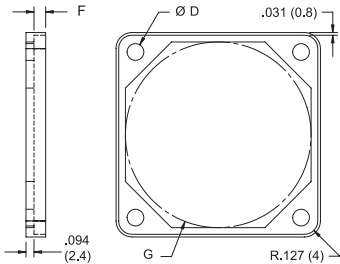
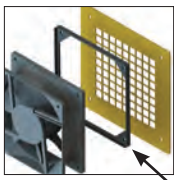
- Material: UL94 V-2 Nylon 6
- Color: Black

Features:

- Prongs expand to hold securely as pin is driven in
- Single-operation front mounting saves time and money

Item No.	Ø Hole		Mounting Thickness		Bulk Pack Qty
	in	mm	in	mm	
SR-3230B	0.122 - 0.126	3.1 - 3.2	0.807 - 0.846	20.5 - 21.5	1000

FGA Series
Fan Gasket



Specifications:

- Material: Silicone Rubber, 40 Shore A
- Color: Black

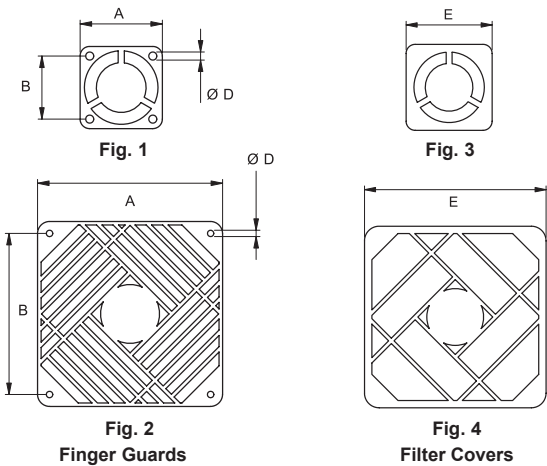
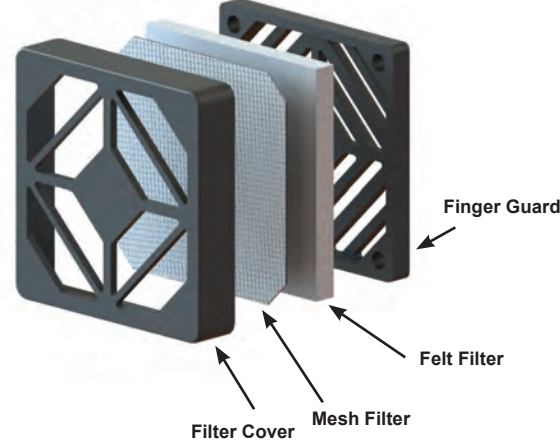
Features:

- Seals the area between the fan and chassis
- Helps to absorb the noise and vibration that otherwise would be transmitted from the fan into the chassis
- Improves the efficiency of the fan

Item No.	For Fan Size	Fan Hole Spacing		D		F		G Ref.		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	
FGA-40	40 x 40	1.26	32.0	0.18	4.5	0.14	3.5	1.42	36.0	100
FGA-50	50 x 50	1.57	40.0	0.18	4.5	0.14	3.5	1.81	46.0	100
FGA-60	60 x 60	1.97	50.0	0.20	5.0	0.14	3.5	2.20	56.0	100
FGA-70	70 x 70	2.42	61.5	0.20	5.0	0.16	4.0	2.60	66.0	100
FGA-80	80 x 80	2.81	71.5	0.20	5.0	0.16	4.0	2.95	75.0	100
FGA-92	92 x 92	3.25	82.5	0.20	5.0	0.16	4.0	3.43	87.0	100
FGA-120	120 x 120	4.13	105.0	0.20	5.0	0.16	4.0	4.53	115.0	100

FAN FILTERS

RCP/RFG/RFF/RMF Series Fan Filters



- Specifications:
- Felt Filter Material: Polyester
 - Felt Filter Color: White
 - Mesh Filter Material: Stainless Steel AISI 304
 - Finger Guard Material: UL94 V-0 Glass Filled Nylon 6/6
 - Finger Guard Color: Black

- Features:
- Filter set (RCP) provides IP30 protection
 - Filter Set includes one each of Finger Guard, Filter Cover, Mesh Filter and Felt Filter

Filter Set

Item No.	Fan Size	Bulk Pack Qty
RCP-040-T	40 x 40	50
RCP-060-T	60 x 60	20
RCP-080-T	80 x 80	10
RCP-092-T	92 x 92	10
RCP-120-T	120 x 120	10

Felt Filter

Item No.	Fan Size	Bulk Pack Qty
RFF-040-T	40 x 40	300
RFF-060-T	60 x 60	100
RFF-080-T	80 x 80	100
RFF-092-T	92 x 92	100
RFF-120-T	120 x 120	500

Mesh Filter

Item No.	Fan Size	Bulk Pack Qty
RMF-040-T	40 x 40	300
RMF-060-T	60 x 60	500
RMF-080-T	80 x 80	400
RMF-092-T	92 x 92	400
RMF-120-T	120 x 120	250

Finger Guard

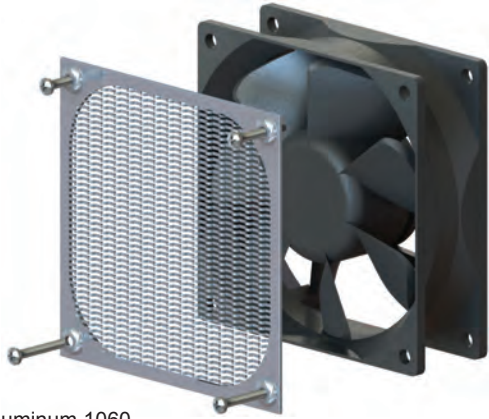
Item No.	A		B		Depth		D Hole Ø Min		Fig	Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm		
RFG-040-T	1.69	43.0	1.27	32.2	0.17	4.3	0.16	4.1	1	160
RFG-060-T	2.38	60.5	1.97	50.1	0.24	6.0	0.16	4.1	2	60
RFG-080-T	3.17	80.6	2.83	71.8	0.24	6.0	0.16	4.1	2	30
RFG-092-T	3.63	92.3	3.24	82.4	0.24	6.0	0.16	4.1	2	20
RFG-120-T	4.75	120.6	4.15	105.5	0.24	6.2	0.16	4.1	2	30

Filter Cover

Fan Size	E		Depth		Fig.
	in	mm	in	mm	
40 x 40	1.83	46.5	0.33	8.4	3
60 x 60	2.56	64.9	0.49	12.5	4
80 x 80	3.34	84.8	0.49	12.5	4
92 x 92	3.81	96.9	0.49	12.5	4
120 x 120	4.97	126.3	0.49	12.5	4

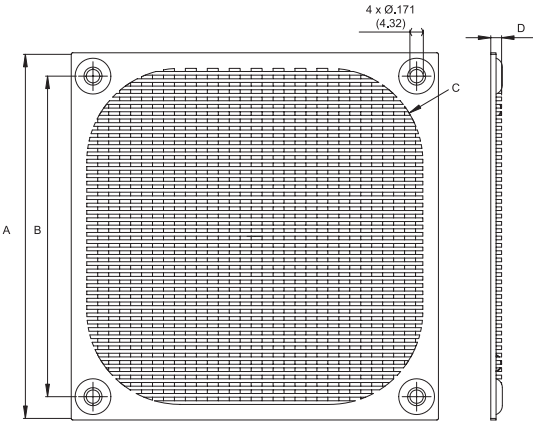
Note: Filter Cover (not sold separately, reference only)

MFF Series Metal Frame Filter



- Specifications:
- Frame Material: Aluminum 1060
 - Mesh Material: Stainless Steel 304
 - Wire Ø: 0.009 (0.23)
 - Mesh Size: 30 strands/in

- Features:
- Provides EMI and RFI protection



Item No.	For Fan Size	A		B		C		D		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	
MFF-60	60 x 60	2.33	59.2	1.97	50.0	R.30	R7.5	0.16	4.0	100
MFF-80	80 x 80	3.30	83.8	2.81	71.4	R.39	R10.0	0.14	3.5	100
MFF-92	92 x 92	3.63	92.0	3.25	82.5	R.49	R12.5	0.16	4.0	100
MFF-120	120 x 120	4.68	118.9	4.13	104.8	R.99	R25.5	0.14	3.5	100

FAN GUARDS

RCOFM Series
Fan Guards

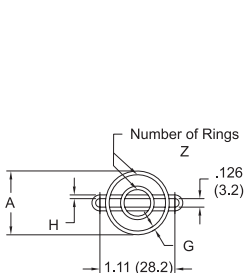


Fig. 1

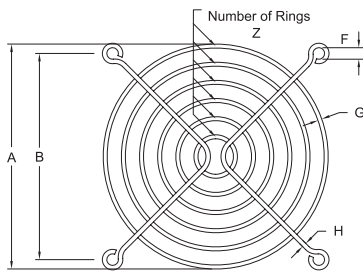


Fig. 2

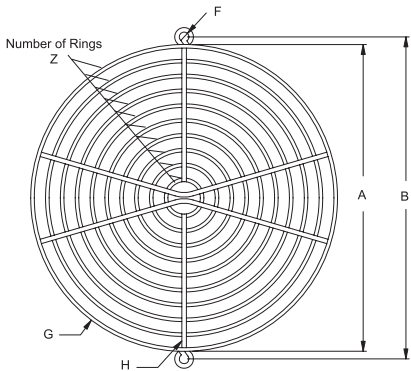


Fig. 3

Specifications:

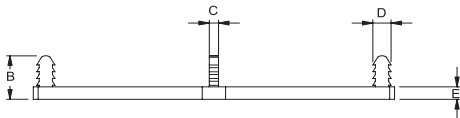
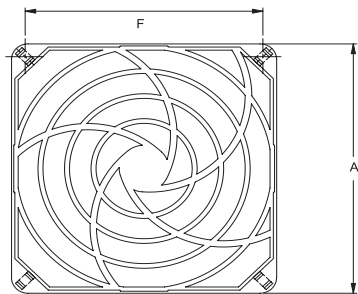
- Material: Steel Wire Electroplated
- Finish: Nickel Chrome

Features:

- Good corrosion resistance
- Easy to clean

Item No.	Fig.	A		B		Depth		F		G		H		Z	Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
RCOFM-25	1	0.94	2.4	—	—	0.09	2.2	—	—	0.05	1.4	0.06	1.4	2	100
RCOFM-40	2	1.15	29.1	1.26	32.0	0.19	4.8	0.16	4.0	0.06	1.6	0.06	1.6	2	100
RCOFM-50	2	1.65	42.0	1.62	41.1	0.19	4.8	0.18	4.6	0.06	1.6	0.06	1.6	3	100
RCOFM-60	2	2.09	53.2	1.97	50.0	0.17	4.4	0.18	4.6	0.06	1.6	0.06	1.6	4	100
RCOFM-80	2	3.00	76.2	2.81	71.5	0.19	4.9	0.20	5.2	0.07	1.8	0.07	1.8	5	100
RCOFM-92	2	3.54	90.0	3.25	82.5	0.22	5.5	0.18	4.6	0.06	1.6	0.07	1.8	6	100
RCOFM-120	2	4.55	115.6	4.16	104.8	0.22	5.5	0.18	4.6	0.07	1.8	0.07	1.8	8	100
RCOFM-150-A	3	6.08	154.4	6.38	162.1	0.25	6.5	0.19	4.8	0.07	1.8	0.09	2.3	10	100

FGPT Series
Snap-in Fan Guard



To Fit in Hole Ø x 4: .186 (4.7)

Specifications:

- Material: UL94 HB ABS
- Color: Black

Features:

- Quickly snaps onto fan, eliminating the use of screws and nuts

Item No.	Fan Size	A		B		C		D		E		F Ref.		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
FGPT-80	80 x 80	3.150	80.0	0.571	14.5	0.111	2.8	0.217	5.5	0.158	4.0	2.795	71.0	20
FGPT-92	92 x 92	3.623	92.0	0.591	15.0	0.103	2.6	0.217	5.5	0.164	4.2	3.228	82.0	20
FGPT-120	120 x 120	4.69	119.0	0.650	16.5	0.119	3.0	0.217	5.5	0.178	4.5	4.094	104.0	10

CAPACITOR MOUNTS / TRANSISTOR INSULATORS

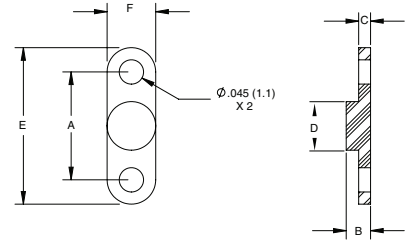
22CM Series
Capacitor Mounts

Specifications:

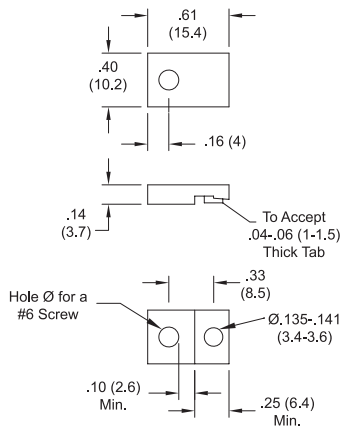
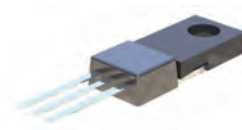
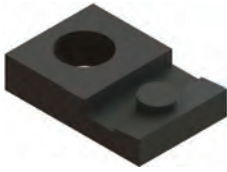
- Material: UL94 V-2 Nylon 6/6
 - UL94 V-0 Available by Special Order
- Color: Natural

Features:

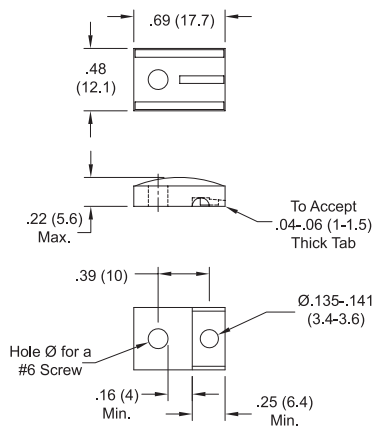
- Accurately positions capacitors or discrete components on PC Board



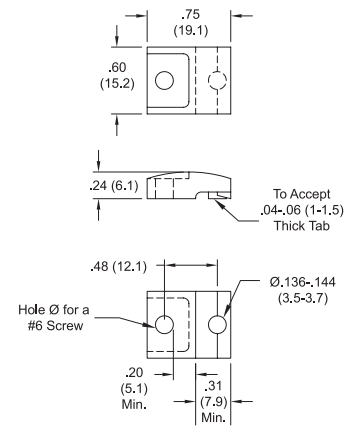
Item No.	A		B		C		D		E		F		Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
22CM0100	0.100	2.5	0.045	1.1	0.022	0.6	0.050 - 0.070	1.3 - 1.8	0.180	4.6	0.090	2.3	1000
22CM0150	0.150	3.8	0.045	1.1	0.022	0.6	0.090 - 0.125	2.3 - 3.2	0.270	6.9	0.125	3.2	1000
22CM0200	0.200	5.1	0.045	1.1	0.022	0.6	0.090	3.3	0.290	7.4	0.090	2.3	2500

IEC Series
Transistor Insulator

IEC-TO-220-18



IEC-TO-220V-18



IEC-TO-218-18

Specifications:

- Material: UL94 HB Glass Filled Nylon
- Color: Black

Features:

- Mounts the transistor to the heat sink
- Separates the mounting screw from the transistor or heat sink
- Maximum recommended operating temperature: 120°F (49°C)

Item No.	Bulk Pack Qty
IEC-TO-220-18	1000
IEC-TO-220V-18	1000
IEC-TO-218-18	1000

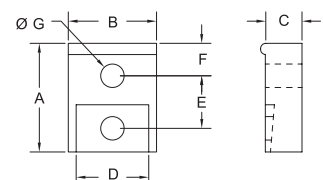
HTRTC Series
High Temp Transistor Insulator

Specifications:

- Material: UL94 V-0 PBT
- Color: White

Features:

- Mounts the transistor to the heat sink
- Separates the mounting screw from the transistor or heat sink
- Maximum recommended operating temperature: 266°F (130°C)



Item No.	For Case Style	A		B		C		D		E		F		G Ø		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
HTRTC-1	TO-220	0.63	16.0	0.51	13.0	0.21	5.4	0.42	10.7	0.32	8.0	0.19	4.7	0.14	3.5	1000
HTRTC-1A	TO-220	0.46	19.3	0.51	13.0	0.21	5.4	0.42	10.7	0.39	10.0	0.24	6.0	0.14	3.6	1000

TRANSISTOR INSULATORS

TO Series
Transistor Insulator Pad

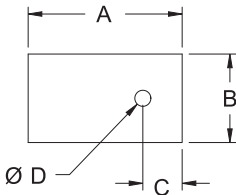


Specifications:

- Material: UL94 V-0 Silicone Rubber and Fiberglass Composite
- Color: Gray

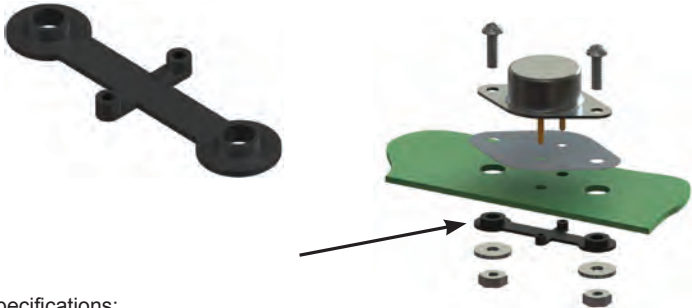
Features:

- Offers low resistance to heat transfer while providing electrical insulation between power device and metal parts
- Non-toxic and resists damage from cleaning solvents
- No grease required for installation; resists cracking or fracture
- For use with Essentra part numbers IEC-TO-220, IEC-TO-220V-1 and IEC-TO-218



Item No.	A		B		C		Ø D		Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm	
TO-220-68	1.13	28.7	0.63	16.0	0.20	5.1	0.145	3.70	500
TO-218-70	1.41	35.8	0.81	20.6	0.36	9.1	0.147	3.73	500

IEC-TO3 Series
Transistor Insulator Base
TO-3

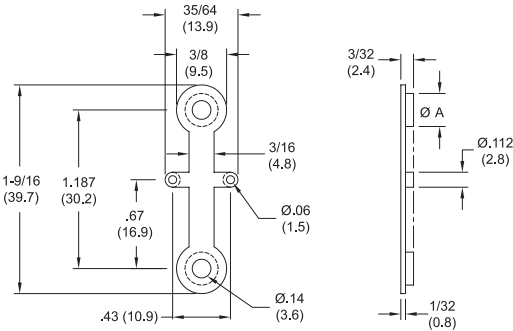


Specifications:

- Material: UL94 HB Glass Filled Nylon
- Color: Black

Features:

- Insulates pins and mounting screws



Item No.	Ø A	Bulk Pack Qty
IEC-TO3-3-18	0.184 (4.7) to fit a Ø 0.187 (4.8) Hole	1000

PTI1 Series
Transistor Insulator Base
TO-3



Fig. 1



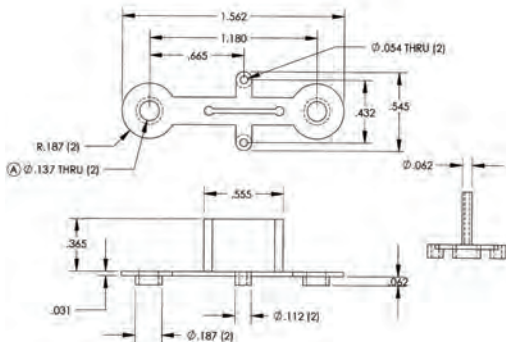
Fig. 2

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Helps to improve thermal efficiency
- Replaces up to six pieces of conventional insulation required with previous mountings
- Increase the amount of interface surface between device and sink by minimizing clearance holes required for all feed-thru connectors



Item No.	Fig.	Description	Bulk Pack Qty
19PTI1	1	PTI1	1000
18PTI1WOB	2	PTI1 w/o Barrier	1000

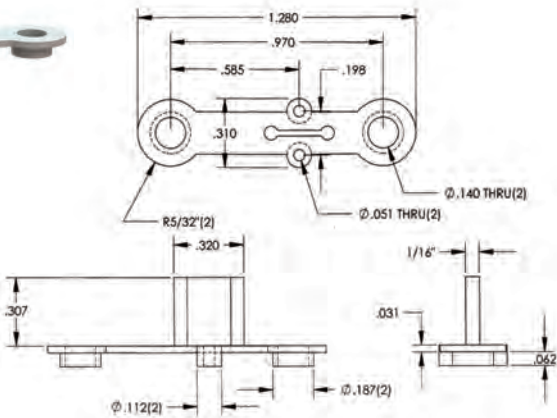
PTI2 Series
Transistor Insulator Base
TO-66



Fig. 1



Fig. 2



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural
- Features:
- Helps to improve thermal efficiency
 - Replaces up to six pieces of conventional insulation required with previous mountings
 - Increase the amount of interface surface between device and sink by minimizing clearance holes required for all feed-thru connectors

Item No.	Fig.	Description	Bulk Pack Qty
19PTI2	1	PTI2	1000
18PTI2WOB	2	PTI2 w/o Barrier	1000

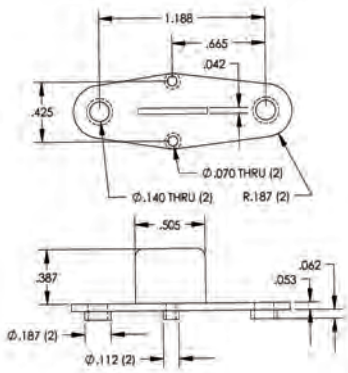
PTI1HD Series
Heavy Duty Transistor Insulator Base
TO-3



Fig. 1



Fig. 2



- Specifications:
- Material: Glass Filled Polyester
 - Color: Natural

Item No.	Fig.	Description	Bulk Pack Qty
20PTI1HD	1	PTI1 HD	1000
18PTI1HDWOB	2	PTI1 HD w/o Barrier	1000

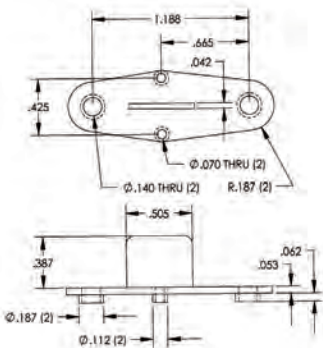
PTI2HD Series
Heavy Duty Transistor Insulator Base
TO-66



Fig. 1



Fig. 2

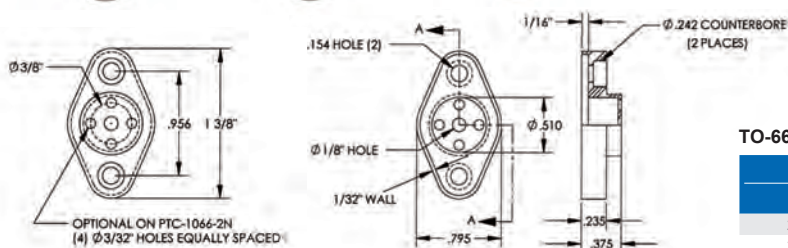
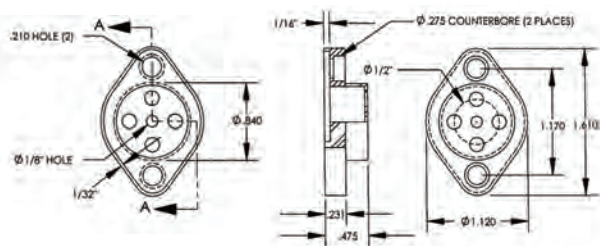


- Specifications:
- Material: Glass Filled Polyester
 - Color: Natural

Item No.	Fig.	Description	Bulk Pack Qty
20PTI2HD	1	PTI-2 HD	500
18PTI2HDWOB	2	PTI-2 HD w/o Barrier	1000

TRANSISTOR INSULATORS AND LED SPACERS

21PTC Series Power Transistor Covers



Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Features:

- Available in 1 hole, 5 hole and no hole styles
- Resists corrosion, vibration and abrasion
- Eliminates chance of short circuit and electrical shock

TO-3

Item No.		Description	Bulk Pack Qty
Natural	Black		
21PTC01031	21PTC01031B	PTC 103-1N 1 Hole	500
21PTC01032	21PTC01032B	PTC103-2N 5 Hole	500
21PTC01033	21PTC01033B	PTC 103-ON No Hole	500

TO-66

Item No.	Description		Bulk Pack Qty
21PTC010661	PTC1066-1N	1 Hole	500
21PTC010662	PTC1066-2N	5 Hole	500
21PTC010663	PTCC1066-ON	No Hole	500

LEDS Series LED Spacers

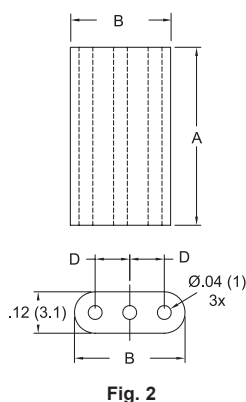
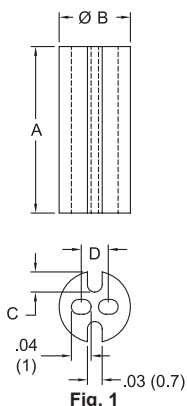


Specifications:

- Material: PVC
- Color: Black

Features:

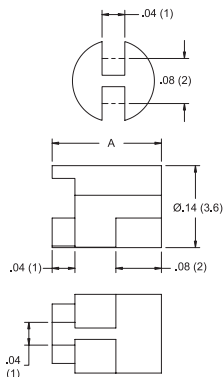
- Provides height control, lead wire retention and stability



Item No.	LED Type	A		B		C		D Ref.		Fig	Material	Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm			
LEDS1-3-26	T-1 (3mm)	3/16	4.8	0.156	4.0	0.047	1.2	0.06	1.5	1	—	1000
LEDS1-4-26	T-1 (3mm)	1/4	6.4	0.156	4.0	0.047	1.2	0.06	1.5	1	—	1000
LEDS1-6-26	T-1 (3mm)	3/8	9.5	0.156	4.0	0.047	1.2	0.06	1.5	1	—	1000
LEDS1-8-26	T-1 (3mm)	1/2	12.7	0.156	4.0	0.047	1.2	0.06	1.5	1	—	1000
LEDS1-10-26	T-1 (3mm)	5/8	15.9	0.156	4.0	0.047	1.2	0.06	1.5	1	—	1000
LEDS1-12-26	T-1 (3mm)	3/4	19.1	0.156	4.0	0.047	1.2	0.06	1.5	1	—	1000
LEDS1-14-26	T-1 (3mm)	7/8	22.2	0.156	4.0	0.047	1.2	0.06	1.5	1	—	1000
LEDS2-3-26	T-1 3/4 (5mm)	3/16	4.8	0.188	4.8	0.060	1.5	0.10	2.5	1	—	1000
LEDS2-4-26	T-1 3/4 (5mm)	1/4	6.4	0.188	4.8	0.060	1.5	0.10	2.5	1	—	1000
LEDS2-6-26	T-1 3/4 (5mm)	3/8	9.5	0.188	4.8	0.060	1.5	0.10	2.5	1	—	1000
LEDS2-8-26	T-1 3/4 (5mm)	1/2	12.7	0.188	4.8	0.060	1.5	0.10	2.5	1	—	1000
LEDS2-10-26	T-1 3/4 (5mm)	5/8	15.9	0.188	4.8	0.060	1.5	0.10	2.5	1	—	1000
LEDS2-12-26	T-1 3/4 (5mm)	3/4	19.1	0.188	4.8	0.060	1.5	0.10	2.5	1	—	1000
LEDS2-14-26	T-1 3/4 (5mm)	7/8	22.2	0.188	4.8	0.060	1.5	0.10	2.5	1	—	1000
LEDS3-3-26	T-1 (3mm)	3/16	4.8	0.32	8.1	—	0.10	2.5	2	UL94 V-0	—	1000
LEDS3-4-26	T-1 (3mm)	1/4	6.4	0.32	8.1	—	0.10	2.5	2	UL94 V-0	—	1000
LEDS3-6-26	T-1 (3mm)	3/8	9.5	0.32	8.1	—	0.10	2.5	2	UL94 V-0	—	1000
LEDS3-8-26	T-1 (3mm)	1/2	12.7	0.32	8.1	—	0.10	2.5	2	UL94 V-0	—	1000
LEDS3-10-26	T-1 (3mm)	5/8	15.9	0.32	8.1	—	0.10	2.5	2	UL94 V-0	—	1000
LEDS3-12-26	T-1 (3mm)	3/4	19.1	0.32	8.1	—	0.10	2.5	2	UL94 V-0	—	1000



LED SPACERS

LEDS1E Series
LED Spacers

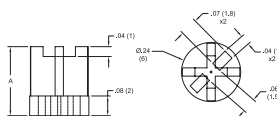
Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Spaces standard T-1 LED from surface of board
- Minimizes shifting and height variation, ensuring product uniformity and production ease

Item No.	LED Type	A		Bulk Pack Qty
		in	mm	
LEDS1E-3-01	T-1 (3mm)	3/16	4.8	1000
LEDS1E-4-01	T-1 (3mm)	1/4	6.4	1000
LEDS1E-6-01	T-1 (3mm)	3/8	9.5	1000
LEDS1E-8-01	T-1 (3mm)	1/2	12.7	1000
LEDS1E-10-01	T-1 (3mm)	5/8	15.9	1000
LEDS1E-12-01	T-1 (3mm)	3/4	19.1	1000
LEDS1E-14-01	T-1 (3mm)	7/8	22.2	1000
LEDS1E-16-01	T-1 (3mm)	1	25.4	1000

LEDS2E Series
LED Spacers

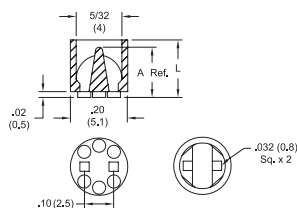
Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural
- Flame Class:

Features:

- Spaces standard T-1 3/4 LEDs from surface of board
- Minimizes shifting and height variation, ensuring product uniformity and production ease

Item No.	LED Type	A		Bulk Pack Qty
		in	mm	
LEDS2E-3-01	T-1 3/4 (5mm)	3/16	4.8	1000
LEDS2E-4-01	T-1 3/4 (5mm)	1/4	6.4	1000
LEDS2E-6-01	T-1 3/4 (5mm)	3/8	9.5	1000
LEDS2E-8-01	T-1 3/4 (5mm)	1/2	12.7	1000
LEDS2E-10-01	T-1 3/4 (5mm)	5/8	15.9	1000
LEDS2E-12-01	T-1 3/4 (5mm)	3/4	19.1	1000
LEDS2E-14-01	T-1 3/4 (5mm)	7/8	22.2	1000
LEDS2E-16-01	T-1 3/4 (5mm)	1	25.4	1000

LEDS2M Series
LED Spacer

Item No.	L		A ref.		LED Type	Bulk Pack Qty
	in	mm	in	mm		
LEDS2M-120-01	0.12	3.1	0.08	2.0	T-1 3/4 (5mm)	1000
LEDS2M-140-01	0.14	3.6	0.08	2.0	T-1 3/4 (5mm)	1000
LEDS2M-160-01	0.16	4.1	0.08	2.0	T-1 3/4 (5mm)	1000
LEDS2M-180-01	0.18	4.5	0.08	2.0	T-1 3/4 (5mm)	1000
LEDS2M-200-01	0.20	5.1	0.08	2.0	T-1 3/4 (5mm)	1000
LEDS2M-220-01	0.22	5.6	0.08	2.0	T-1 3/4 (5mm)	1000
LEDS2M-240-01	0.24	6.1	0.08	2.0	T-1 3/4 (5mm)	1000
LEDS2M-250-01	0.25	6.4	0.20	5.1	T-1 3/4 (5mm)	1000
LEDS2M-260-01	0.26	6.6	0.20	5.1	T-1 3/4 (5mm)	1000
LEDS2M-280-01	0.28	7.1	0.20	5.1	T-1 3/4 (5mm)	1000
LEDS2M-300-01	0.30	7.8	0.20	5.1	T-1 3/4 (5mm)	1000
LEDS2M-320-01	0.32	8.1	0.20	5.1	T-1 3/4 (5mm)	1000
LEDS2M-340-01	0.34	8.6	0.20	5.1	T-1 3/4 (5mm)	1000
LEDS2M-360-01	0.36	9.1	0.20	5.1	T-1 3/4 (5mm)	1000
LEDS2M-380-01	0.38	9.7	0.33	8.4	T-1 3/4 (5mm)	1000
LEDS2M-400-01	0.40	10.2	0.33	8.4	T-1 3/4 (5mm)	1000
LEDS2M-420-01	0.42	10.7	0.33	8.4	T-1 3/4 (5mm)	1000
LEDS2M-440-01	0.44	11.2	0.33	8.4	T-1 3/4 (5mm)	1000
LEDS2M-450-01	0.45	11.4	0.33	8.4	T-1 3/4 (5mm)	1000
LEDS2M-460-01	0.46	11.7	0.33	8.4	T-1 3/4 (5mm)	1000
LEDS2M-500-01	0.50	12.7	0.45	11.4	T-1 3/4 (5mm)	1000
LEDS2M-550-01	0.55	14.0	0.45	11.4	T-1 3/4 (5mm)	1000
LEDS2M-600-01	0.60	15.2	0.45	11.4	T-1 3/4 (5mm)	1000
LEDS2M-650-01	0.65	16.5	0.58	14.7	T-1 3/4 (5mm)	1000
LEDS2M-750-01	0.75	19.1	0.70	17.8	T-1 3/4 (5mm)	1000
LEDS2M-850-01	0.85	21.6	0.70	17.8	T-1 3/4 (5mm)	1000
LEDS2M-900-01	0.90	22.9	0.70	17.8	T-1 3/4 (5mm)	1000

Specifications:

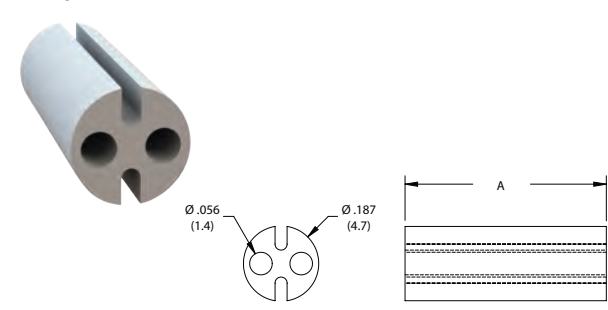
- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Fits standard T-1 3/4 LEDs
- Internal tapered dividers guide the lead wires and prevent leads from shorting
- Bottom bosses serve to dissipate heat and ease post-solder cleanup

LED SPACERS

27LED Series
LED Spacer



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural

- Features:
- Minimizes shifting and variation of height
 - Spaces standard LED from surface of board
 - Resistant to corrosion, vibration and abrasion

Item No.	LED Type	A		Bulk Pack Qty
		in	mm	
27LED2SP0250	T-1 (3mm)	0.250	6.4	1000
27LED2SP0375	T-1 (3mm)	0.375	9.5	1000
27LED2SP0500	T-1 (3mm)	0.500	12.7	1000

LEDM-1 Series
Metric LED Spacer



- Specifications:
- Material: PVC
 - Color: Black

- Features:
- Fits standard T-1 3/4 LEDs
 - Provides height control, lead wire retention and stability
 - Self-retaining feature for auto insertion and pre-assembly

Item No.	L		LED Type	Bulk Pack Qty
	mm			
LEDM-1-02	2.0		T-1 3/4 (5mm)	1000
LEDM-1-03	3.0		T-1 3/4 (5mm)	1000
LEDM-1-04	4.0		T-1 3/4 (5mm)	1000
LEDM-1-06	5.0		T-1 3/4 (5mm)	1000
LEDM-1-08	8.0		T-1 3/4 (5mm)	1000
LEDM-1-09	9.0		T-1 3/4 (5mm)	1000
LEDM-1-10	10.0		T-1 3/4 (5mm)	1000
LEDM-1-13	13.0		T-1 3/4 (5mm)	1000
LEDM-1-21	21.0		T-1 3/4 (5mm)	1000

LEDM-2 Series
Metric LED Spacer



- Specifications:
- Material: PVC
 - Color: Black

Item No.	L		LED Type	Bulk Pack Qty
	mm			
LEDM-2-02	2.0		T-1 (3mm)	1000
LEDM-2-03	3.0		T-1 (3mm)	1000
LEDM-2-04	4.0		T-1 (3mm)	1000
LEDM-2-06	5.0		T-1 (3mm)	1000
LEDM-2-08	8.0		T-1 (3mm)	1000
LEDM-2-09	9.0		T-1 (3mm)	1000
LEDM-2-10	10.0		T-1 (3mm)	1000
LEDM-2-13	13.0		T-1 (3mm)	1000
LEDM-2-21	21.0		T-1 (3mm)	1000

LEDM-3 Series
Metric LED Spacer

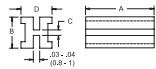
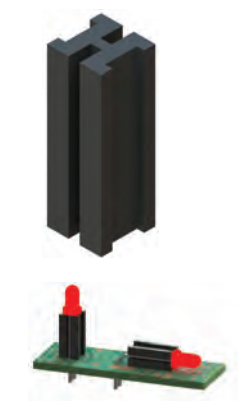


- Specifications:
- Material: PVC
 - Color: Black

Item No.	L		LED Type	Bulk Pack Qty
	mm			
LEDM-3-02	2.0		T-1 3/4 (5mm)	1000
LEDM-3-03	3.0		T-1 3/4 (5mm)	1000
LEDM-3-04	4.0		T-1 3/4 (5mm)	1000
LEDM-3-06	5.0		T-1 3/4 (5mm)	1000
LEDM-3-08	8.0		T-1 3/4 (5mm)	1000
LEDM-3-09	9.0		T-1 3/4 (5mm)	1000
LEDM-3-10	10.0		T-1 3/4 (5mm)	1000
LEDM-3-13	13.0		T-1 3/4 (5mm)	1000
LEDM-3-21	21.0		T-1 3/4 (5mm)	1000

LED SPACERS

SQLEDS Series
Square LED Spacer

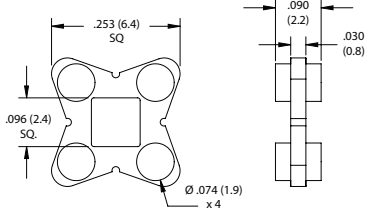


- Specifications:
- Material: UL94 V-0 PVC
 - Color: Black

- Features:
- Provides height control, lead wire retention and stability
 - Square design is good for angled applications

Item No.	LED Type	A		B		C		D Ref.		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	
SQLEDS1-4-26	T-1 (3mm)	0.250	6.4	0.17	4.3	0.03	0.8	0.17	4.3	1000
SQLEDS1-6-26	T-1 (3mm)	0.375	9.5	0.17	4.3	0.03	0.8	0.17	4.3	1000
SQLEDS1-8-26	T-1 (3mm)	0.500	12.7	0.17	4.3	0.03	0.8	0.17	4.3	1000
SQLEDS2-4-26	T-1-3/4 (5mm)	0.250	6.4	0.24	6.1	0.07	1.8	0.27	6.9	1000
SQLEDS2-6-26	T-1-3/4 (5mm)	0.375	9.5	0.24	6.1	0.07	1.8	0.27	6.9	1000
SQLEDS2-8-26	T-1-3/4 (5mm)	0.500	12.7	0.24	6.1	0.07	1.8	0.27	6.9	1000
SQLEDS2-12-26	T-1-3/4 (5mm)	0.750	19.1	0.24	6.1	0.07	1.8	0.27	6.9	1000

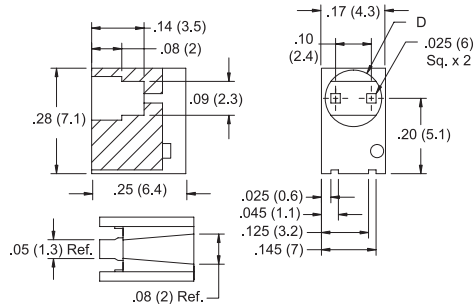
18TRM Series
Square LED Mount



- Specifications:
- Material: UL94 V-2 Nylon 6/6
 - Color: Natural
- Features:
- Provides secure mounting of both two and three lead devices
 - Resists corrosion, vibration, heat and abrasion
 - Symmetrical design with feet on both sides, eliminates the need for specific side rotation

Item No.	Bulk Pack Qty
18TRM001	1000

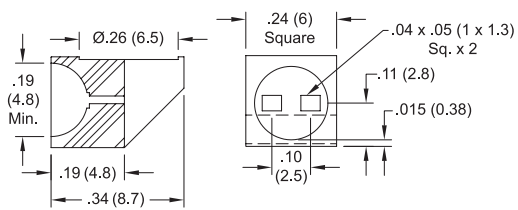
LEDH Series
90° LED Holder



LEDH-101C

- Specifications:
- Material: UL94 V-0 Nylon 6/6
 - Color: Black
- Features:
- Allows LEDs to be mounted at a 90° angle
 - Can be easily assembled by hand; no tools required

Item No.	Ø D		LED Type	Bulk Pack Qty
	in	mm		
LEDH-101C-34	0.13	3.4	T-1 (3mm)	1000
LEDH-101C-38	0.15	3.8	T-1 (3mm)	1000

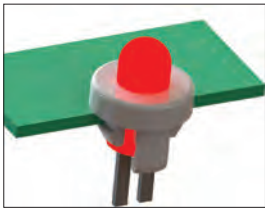


LEDH-909-235

Item No.	LED Type	Bulk Pack Qty
LEDH-909-235	T-1 3/4 (5mm)	1000

LED HOLDERS

LEDHPM/27LEDH Series
Panel Mount LED Holder

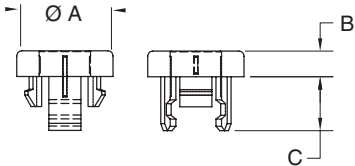


Specifications:

- Material: See table
- Color: See table

Features:

- Easily snapped into standard panel holes by hand
- Once the holder is snapped into the hole, the LED will lock into place when inserted from the rear of the panel
- Provides a secure, attractive display
- Fits standard T-1 3/4 LEDs



Item No.	A		B		C		Mounting Hole		Panel Thickness		Material	Color	Bulk Pack Qty
	in	mm	in	mm	in	mm	in	mm	in	mm			
LEDHPM-1	0.375	9.53	0.100	2.54	0.210	5.33	0.281 - 0.287	7.14 - 7.29	0.044 - 0.048	1.21 - 1.22	Nylon 6/6 UL94 V0	Natural	1000
27LEDH01	0.317	9.07	0.025	0.64	0.250	6.35	0.240 - 0.247	6.10 - 6.27	0.070	1.78	HS Nylon	Black	1000

LEDCR Series
LED Clips & Rings

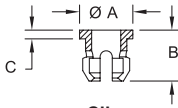
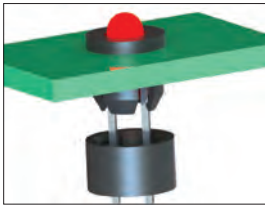


Specifications:

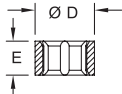
- Clip Material: UL94 V-0 Nylon 6/6
- Ring Material: See table
- Color: Black

Features:

- The devices go together by simply inserting the clip to the front of the panel, then assembling the LED into the clip from the rear of the panel; the ring is pressed onto the rear of the clip for a firm retention
- Parts are sold in a set with both the clip and ring
- Securely and firmly mounts LEDs
- Provides a secure, attractive display
- Fits standard T-1 3/4 LEDs



Clip



Ring

Item No.	Ring Material	LED Type	Ø Mounting Hole		Panel Thickness		Ø A		B		C		Ø D		E		Bulk Pack Qty
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
LEDCR-104	UL94 V-0 Nylon 6/6	T-1 (3mm)	0.174 - 0.180	4.4 - 4.6	0.032 - 0.125	0.8 - 3.2	0.21	5.3	0.21	5.3	0.15	0.38	0.24	6.1	0.14	3.6	1000
LEDCR-174	UL94 V-2 Nylon 6/6	T-1-3/4 (5mm)	0.267 - 0.273	6.8 - 6.9	0.032 - 0.125	0.8 - 3.2	0.30	7.6	0.26	6.6	0.30	0.76	0.35	8.9	0.16	4.1	1000

LEDC Series
LED Lens Cover

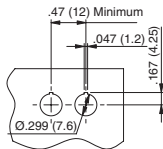
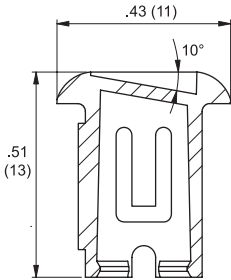


Specifications:

- Cover Material: UL94 V-2 Polycarbonate
- Cover Color: Clear
- O-Ring Material: Neoprene Rubber
- O-Ring Color: Black
- Flame Class:

Features:

- Standard 10° lens angle to control light transmission
- Rubber O-Ring gives protection from dust and water
- Fits standard T-1 3/4 LEDs
- Snaps in by hand



Panel Details

Item No.	Details	Ø Mounting Hole		Panel Thickness		LED Type		Bulk Pack Qty
		in	mm	in	mm	in	mm	
LEDC-1	Cover	0.03	7.6	0.177	4.5	T-1 3/4	5.0	1000
LEDC-2	Cover with O-Ring	0.03	7.6	0.118	3.0	T-1 3/4	5.0	1000

LP1 Series
Bottom Entry Rigid Light Pipes



Style 1



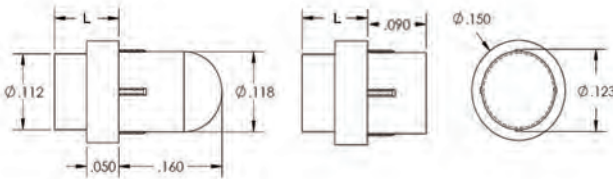
Style 2

Specifications:

- Material: UL94 V-0 Polycarbonate
- Color: Clear

Features:

- Acts as a conduit to transport light from an LED to another location while minimizing the loss of light
- Domed and Flat front shapes allow for flexibility of design
- Surface mount LED compatible
- Provides ESD protection by isolating the PCB from potential contact



Item No.		L		Mounting Hole		Panel Thickness		Bulk Pack Qty
Style 1	Style 2	in	mm	in	mm	in	mm	
LP1-121-0100	LP1-121-0100-F	0.100	2.5	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-3MM	LP1-121-3MM-F	0.118	3.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0125	LP1-121-0125-F	0.125	3.2	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-4MM	LP1-121-4MM-F	0.157	4.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0178	—	0.178	4.5	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0188	LP1-121-0188-F	0.188	4.8	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-5MM	LP1-121-5MM-F	0.197	5.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0200	—	0.200	5.1	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-6MM	LP1-121-6MM-F	0.236	6.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0250	LP1-121-0250-F	0.250	6.4	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-7MM	LP1-121-7MM-F	0.276	7.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0313	LP1-121-0313-F	0.313	8.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-8MM	LP1-121-8MM-F	0.315	8.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0350	LP1-121-0350-F	0.350	8.9	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-9MM	LP1-121-9MM-F	0.354	9.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0375	LP1-121-0375-F	0.375	9.5	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-10MM	LP1-121-10MM-F	0.394	10.0	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0460	—	0.460	11.7	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0500	LP1-121-0500-F	0.500	12.7	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0625	LP1-121-0625-F	0.625	15.9	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0750	LP1-121-0750-F	0.750	19.1	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-0830	LP1-121-0830-F	0.830	21.1	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000
LP1-121-1000	LP1-121-1000-F	1.000	25.4	0.121	3.1	0.047 - 0.093	1.2 - 2.4	1000

There’s more online!

Easy to find products

Manage your account

Buy online



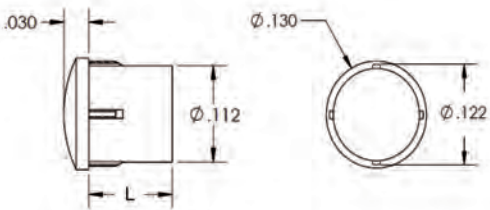
LED LIGHT PIPES

LP2 Series
Top Entry Rigid Light Pipes



- Specifications:
- Material: UL94 V-0 Polycarbonate
 - Color: Clear

- Features:
- Acts as a conduit to transport light from an LED to another location while minimizing the loss of light
 - Sleek low profile design
 - Surface mount LED compatible
 - Provides ESD protection by isolating the PCB from potential contact



Item No.	L		Mounting Hole		Panel Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
LP2-115-0100	0.100	2.5	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-3MM	0.118	3.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0125	0.125	3.2	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-4MM	0.157	4.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0188	0.188	4.8	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-5MM	0.197	5.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0215	0.215	5.5	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-6MM	0.236	6.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0250	0.250	6.4	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-7MM	0.276	7.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0313	0.313	8.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-8MM	0.315	8.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0350	0.350	8.9	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-9MM	0.354	9.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0375	0.375	9.5	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-10MM	0.394	10.0	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0500	0.500	12.7	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0625	0.625	15.9	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-0750	0.750	19.1	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-1000	1.000	25.4	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000
LP2-115-1200	1.200	30.5	0.115	2.9	0.047 - 0.093	1.2 - 2.4	1000



STOCK2SHIP

By Essentra

With over 15,000 of Essentra’s most popular products readily available for shipping in our **STOCK2SHIP** Program, we ensure that you’ll have what you need when you need it.

LP3 Series Bottom Entry Rigid Light Pipes



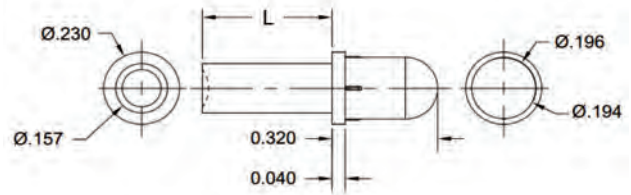
NEW

Specifications:

- Material: UL94 V-0 Polycarbonate
- Color: Clear

Features:

- Acts as a conduit to transport light from an LED to another location while minimizing the loss of light
- Sleek low profile design
- Surface mount LED compatible
- Provides ESD protection by isolating the PCB from potential contact



Item No.	L		Mounting Hole		Panel Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
LP3-195-0100	0.100	2.5	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-0125	0.125	3.2	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-0188	0.188	4.8	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-0250	0.250	6.4	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-0350	0.350	8.9	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-0375	0.375	9.5	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-0500	0.500	12.7	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-0625	0.625	15.9	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-0750	0.750	19.1	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-1000	1.000	25.4	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000
LP3-195-1250	1.250	31.8	0.195	5.0	0.047 - 0.093	1.2 - 2.4	1000

LP4 Series Top Entry Rigid Light Pipes



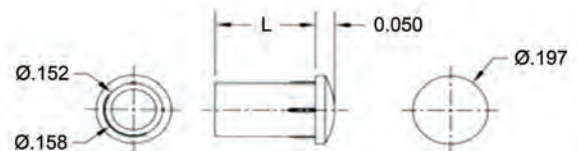
NEW

Specifications:

- Material: UL94 V-0 Polycarbonate
- Color: Clear

Features:

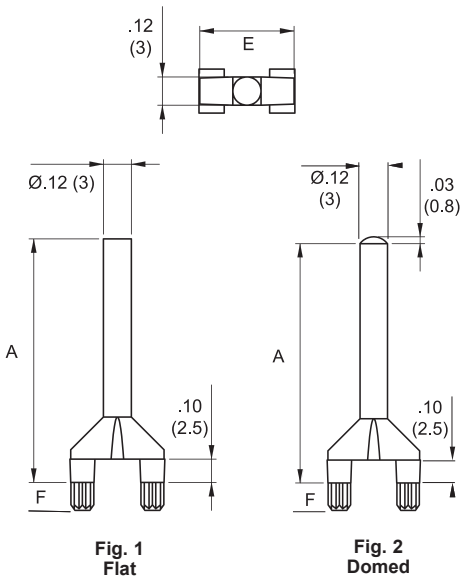
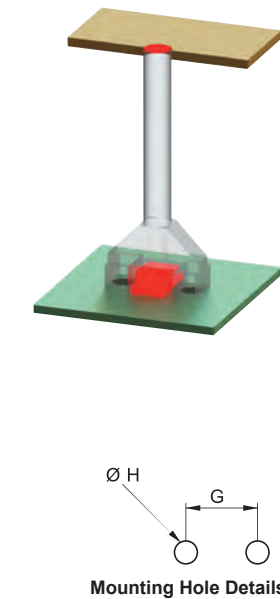
- Acts as a conduit to transport light from an LED to another location while minimizing the loss of light
- Sleek low profile design
- Surface mount LED compatible
- Provides ESD protection by isolating the PCB from potential contact



Item No.	L		Mounting Hole		Panel Thickness		Bulk Pack Qty
	in	mm	in	mm	in	mm	
LP4-156-0100	0.100	2.5	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-0125	0.125	3.2	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-0188	0.188	4.8	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-0250	0.250	6.4	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-0350	0.350	8.9	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-0375	0.375	9.5	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-0500	0.500	12.7	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-0625	0.625	15.9	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-0750	0.750	19.1	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-1000	1.000	25.4	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000
LP4-156-1250	1.250	31.8	0.156	4.0	0.047 - 0.093	1.2 - 2.4	1000

LED LIGHT PIPES / FUSE COVERS

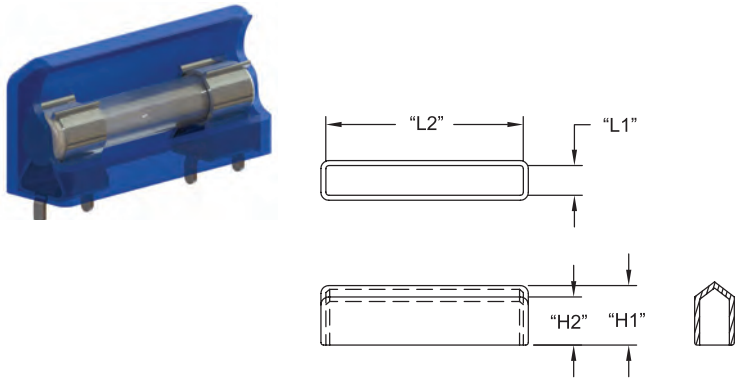
VLP Series
Vertical Light Pipe



- Specifications:
- Material: UL94 V-0 Polycarbonate
 - Color: Clear
- Features:
- Acts as a conduit to transport light from an LED to another location while minimizing the loss of light
 - Domed and Flat front shapes allow for flexibility of design
 - Surface mount LED compatible
 - Provides ESD protection by isolating the PCB from potential contact

Item No.	Fig.	A		E		F		G		Ø H		Panel Thickness		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
VLP1-F-1	1	0.50	12.7	0.25	6.4	0.10	2.5	0.19	4.7	0.06	1.5	0.03 - 0.12	0.8 - 3.0	1000
VLP1-F-3	1	0.65	16.5	0.25	6.4	0.10	2.5	0.19	4.7	0.06	1.5	0.03 - 0.12	0.8 - 3.0	1000
VLP1-F-4	1	0.86	21.8	0.25	6.4	0.10	2.5	0.19	4.7	0.06	1.5	0.03 - 0.12	0.8 - 3.0	1000
VLP1-F-5	1	1.03	26.1	0.25	6.4	0.10	2.5	0.19	4.7	0.06	1.5	0.03 - 0.12	0.8 - 3.0	1000
VLP1-D-1	2	0.50	12.7	0.25	6.4	0.10	2.5	0.19	4.7	0.06	1.5	0.03 - 0.12	0.8 - 3.0	1000
VLP1-D-3	2	0.65	16.5	0.25	6.4	0.10	2.5	0.19	4.7	0.06	1.5	0.03 - 0.12	0.8 - 3.0	1000
VLP1-D-4	2	0.86	21.8	0.25	6.4	0.10	2.5	0.19	4.7	0.06	1.5	0.03 - 0.12	0.8 - 3.0	1000
VLP1-D-5	2	1.03	26.1	0.25	6.4	0.10	2.5	0.19	4.7	0.06	1.5	0.03 - 0.12	0.8 - 3.0	1000
VLP2-F-1	1	0.50	12.7	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-F-2	1	0.59	15.0	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-F-3	1	0.65	16.5	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-F-4	1	0.86	21.8	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-F-5	1	1.03	26.1	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-F-6	1	2.17	55.0	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-D-1	2	0.50	12.7	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-D-3	2	0.65	16.5	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-D-4	2	0.86	21.8	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-D-5	2	1.03	26.1	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000
VLP2-D-6	2	2.17	55.0	0.39	10.0	0.12	3.0	0.30	7.5	0.09	2.4	0.03 - 0.12	0.8 - 3.0	1000

840XXX Series
Quick Fit Fuse Cover

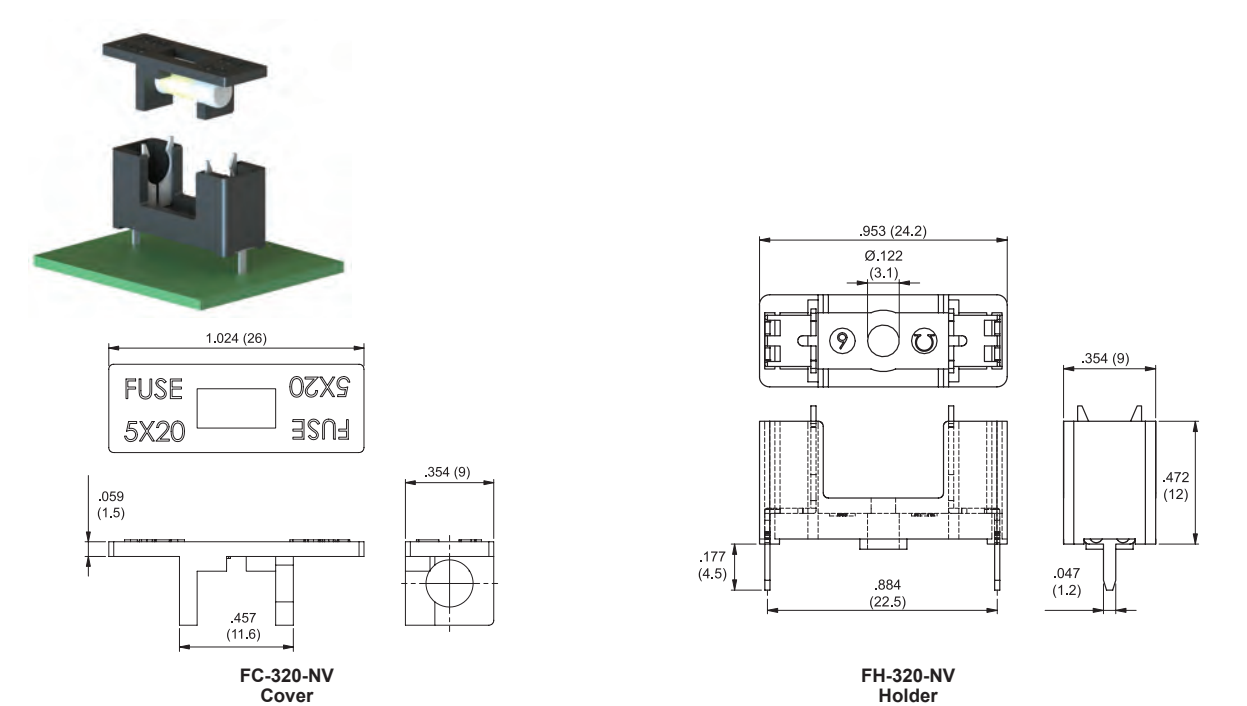


- Specifications:
- Material: UL94 V-0 Flexible PVC
 - Color: Transparent Blue
- Features:
- For fuse clips and blocks mounted to PC boards
 - No corrosion when exposed to copper

Item No.	Fuse Type	H1 Ref.		H2 Ref.		L1		L2		Bulk Pack Qty
		in	mm	in	mm	in	mm	in	mm	
840620	Metric	0.500	12.7	0.391	9.9	0.24	6.1	0.79	20.1	1000
840730	Metric	0.500	12.7	0.391	9.9	0.28	7.1	1.18	30.0	1000
840832	Metric	0.625	15.9	0.578	14.7	0.32	8.1	1.26	32.0	1000
840836	Std 0.25 x 1.25	0.500	12.7	0.391	9.9	0.32	8.1	1.42	36.1	1000

FUSE COVERS

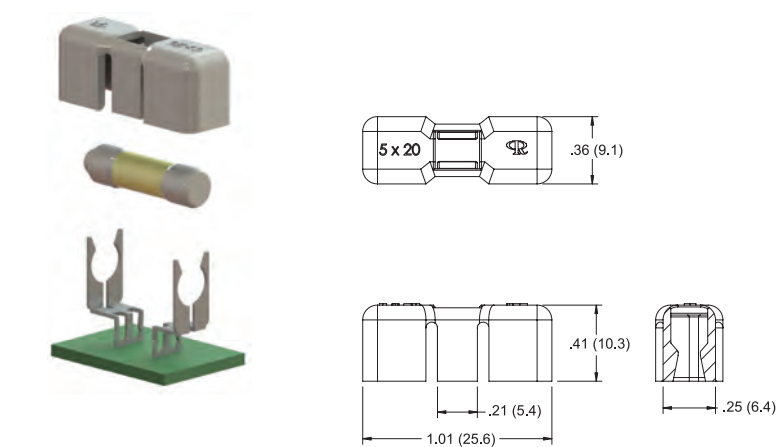
FH/FC Series
Fuse Holder & Cover



- Specifications:
- Material: UL94 V-0 GLass Filled Nylon / Brass Inserts
 - Color: Black
- Features:
- Protects live components from damaging, unintentional contact
 - Window in the top of the holder allows for visual inspection
 - Two-piece assembly: simply insert the fuse into the fuse cover; lock in place with a fingertip twist and place fuse cover in fuse holder
 - Cover and Holder sold separately

Item No.	Description	Bulk Pack Qty
FH-320-NV	Fuse Holder	1000
FC-320-NV	Fuse Cover	1000

FCE Series
Fuse Cover



- Specifications:
- Material: UL94 V-0 Nylon 6/6
 - Color: Natural
- Features:
- Protects fuse when maintenance is performed on surrounding components
 - Window in the top of the holder allows for visual inspection
 - Easily snaps onto the fuse and fuse holder

Item No.	Mounting Fuse Size	Bulk Pack Qty
FCE-5-19	Snap-fit onto a .20 x .79 (5 x 20) fuse	1000



OVER
65,000+
PRODUCTS



FREE CAD DOWNLOADS



65,000+ PRODUCTS



SAME DAY SHIPPING

MANUFACTURING AND WAREHOUSE LOCATIONS

M Manufacturing
W Warehouse

Erie, PA **M**
Flippin, AR **M**
Monterrey, MX **M W**
Jaguariuna, BR **M W**

Louisville, KY **W**
Houston, TX **W**
Nisku, CA **W**
Burlington, CA **W**



CONTACT US TODAY!
800.847.0486



EMAIL AN ESSENTRA EXPERT
SALES@ESSENTRACOMPONENTS.COM

www.essentracomponents.com

MAKING IT EASIER