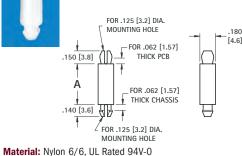
INSULATED PC SPACERS/SUPPORTS

- Board will be electrically insulated, eliminates need for insulating washers Easy snap-in assembly
 - No tool required for installation Designed for .062 (1.57) thick boards
- · One pieces design eliminates the need for additional screws and nuts · Slim design frees up board space

TENSION-FIT



- · One end permanently attaches to chassis
- · Other end secures board with tension fit.
- · Board easily releasable for repairs or upgrades



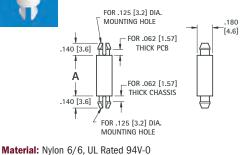
NO.	LENGTH
8879	.125 (3.2)
8880	.187 (4.7)
8881	.250 (6.4)
8882	.375 (9.5)
8883	.500 (12.7)
8884	.625 (15.9)
8885	.750 (19.1)
8886	.875 (22.2)
8887	1.000 (25.4)

CAT.

LOCK-IN



- Both ends permanently attach to chassis and board
- Secure mounting end design allows for taller spacing



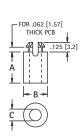
A Length
.125 (3.2)
.187 (4.7)
.250 (6.4)
.375 (9.5)
.500 (12.7)
.625 (15.9)
.750 (19.1)
.875 (22.2)
1.000 (25.4)

THRU HOLE SPACERS

One end locks into panel. Clear hole designs for #4, #6 or #8 screw.



 Base has larger surface area. Will not deform under heavy pre-load.

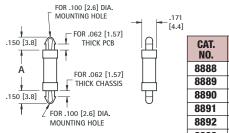


Material: Nylon 6/6, UL Rated 94V-0

CAT. NO.	LENGTH	Diameter	Inside Diameter	Hole	Screw Size
9027	.125 (3.2)				
9028	.187 (4.7)				
9029	.250 (6.4)	.260	.125	.187	#4
9030	.375 (9.5)	(6.6)	(3.2)	(4.7)	#4
9031	.500 (12.7)				
9032	.625 (15.9)				
9033	.250 (6.4)				
9034	.375 (9.5)	.312	.153	.234	#6
9035	.500 (12.7)	(7.9)	(3.9)	(5.9)	#0
9036	.625 (15.9)				
9037	.250 (6.4)				
9038	.375 (9.5)	.312	.169	.234	#8
9039	.500 (12.7)	(7.9)	(4.3)	(5.9)	π 0
9040	.625 (15.9)				

EASY LOCK-IN

- Both ends permanently attach to chassis and board
- Teardrop style mounting end eases assembly
- · Low protrusion above board and under chassis

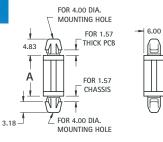


Material: Nylon 6/6, UL Rated 94V-0

METRIC LOCK-IN



- Both ends permanently attach to chassis and board
- · Designed specifically for metric mounting holes and spacing



CAT. NO.	A Length
8843	3.0
8844	4.0
8845	6.0
8846	8.0
8847	10.0
8848	12.0
8849	14.0
8850	16.0
8851	18.0

LENGTH

.125 (3.2)

.187 (4.7)

.250 (6.4)

.375 (9.5)

.500 (12.7)

.625 (15.9)

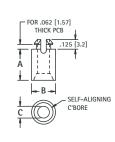
Material: Nylon 6/6, UL Rated 94V-2

STACKING SPACERS

One end locks into panel. Clear hole designs for #4, #6 or #8 screw.



- Spacers can be stacked for multiple level PC board applications
- Self-aligning



Material: Nylon 6/6, UL Rated 94V-0

CAT. NO.	A Length	Outside Diameter	Inside Diameter	Mounting Hole	Screw Size
8829	.125 (3.2)				
8830	.187 (4.7)				
8831	.250 (6.4)	.260	.125	.187	#4
8832	.375 (9.5)	(6.6)	(3.2)	(4.7)	""
8833	.500 (12.7)				
8834	.625 (15.9)				
8835	.250 (6.4)				
8836	.375 (9.5)	.312	.153	.234	#6
8837	.500 (12.7)	(7.9)	(3.9)	(5.9)	110
8838	.625 (15.9)				
8839	.250 (6.4)				
8840	.375 (9.5)	.312	.169	.234	#8
8841	.500 (12.7)	(7.9)	(4.3)	(5.9)	110
8842	.625 (15.9)				

- · Board will be electrically insulated, eliminates need for insulating washers · No tool required for installation
 - Easy snap-in assembly One pieces design eliminates the need for additional screws and nuts
 - Fits snug onto board
 Accommodates varying board thicknesses
 Flame retardant

SLIMLINE TENSION-FIT



One end permanently attaches to .070 (1.78) max. thick chassis

CAT.

NO.

1927A

1928A

1929A

1930A

1931A

1932A

1933A

LENGTH

.250 (6.4)

.375 (9.5)

.500 (12.7)

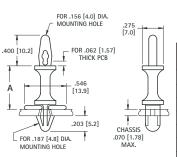
.625 (15.9)

.750 (19.1)

.875 (22.2)

1.000 (25.4)

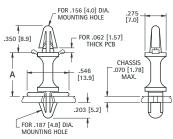
- Other end tension fits to .062 (1.57) max. thick PC board
- · Board is easily releasable for repairs or upgrades
- Low insertion force



Material: Nylon 6/6, UL Rated 94V-0

SLIMLINE LOCK-IN

- One end permanently attaches to .070 (1.78) max. thick chassis
- Other end permanently attaches to .062 (1.57) max. thick
- Low insertion force
- Small footprint frees up board space.



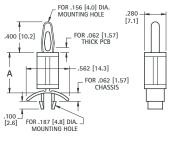
Material: Nylon 6/6, UL Rated 94V-0

CAT. NO.	A Length
1927B	.250 (6.4)
1928B	.375 (9.5)
1929B	.500 (12.7)
1930B	.625 (15.9)
1931B	.750 (19.1)
1932B	.875 (22.2)
1933B	1.000 (25.4)

STURDY TENSION-FIT



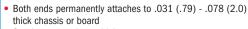
- One end permanently attaches to .031(.79) -.078 (2.0) thick chassis
- Other end tension fits to .062 (1.57) max thick PC board
- Board is easily releasable for repairs or upgrades
- Sturdy support due to high contact area



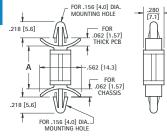
Material: Nylon 6/6, UL Rated 94V-0

CAT. NO.	A Length
8800	.187 (4.7)
8801	.250 (6.4)
8802	.375 (9.5)
8803	.500 (12.7)
8804	.625 (15.9)
8805	.750 (19.1)
8806	.875 (22.2)

STURDY LOCK-IN







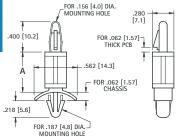
Material:	Nvlon	6/6.	UL	Rated	94V-	0

CAT. No.	A Length
8815	.187 (4.7)
8816	.250 (6.4)
8817	.375 (9.5)
8818	.500 (12.7)
8819	.625 (15.9)
8820	.750 (19.1)
8821	.875 (22.2)

STURDY LOCK-IN RELEASE



- · Locks onto .062 (1.57) thick PC board
- · Board is positively locked until manually released
- Board is easily releasable for repairs or upgrades
- · Sturdy support due to high contact area with chassis



Material:	Nvlon	6/6.	UL	Rated	94V-0

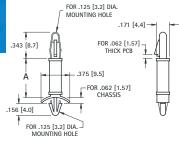
CAT. NO.	A Length
8807	.187 (4.7)
8808	.250 (6.4)
8809	.375 (9.5)
8810	.500 (12.7)
8811	.625 (15.9)
8812	.750 (19.1)
8813	.875 (22.2)
8814	1.000 (25.4)

SLIMLINE LOCK-IN RELEASE





- · Board is easily releasable for repairs or upgrades
- · Compact design uses smaller mounting holes



	MOUNTING HOLE
Material: Nylo	on 6/6, UL Rated 94V-0

A Length
.187 (4.7)
.250 (6.4)
.375 (9.5)
.500 (12.7)
.625 (15.9)

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KEYSTONE Rohs Compliant - ISO 9001 CERTIFIED

LOCK-IN RELEASE THREADED SUPPORTS

- · One end attaches to chassis with self tapping screw or nut
- Other end snap locks onto .062 (1.57) thick PC board
- Board is easily releasable, for repairs or upgrades
- Threaded mount provides an extremely strong hold to the chassis

MALE FOR .156 [4.0] DIA. MOUNTING HOLE .312 [7.9] -FOR .062 [1.57] 8-32 THREAD .250 [6.4]

CAT. A LENGTH NO. 9048 .250 (6.4) 9049 .375 (9.5) 9050 .500 (12.7) 9051 .625 (15.9) 9052 .750 (19.1) 9053 .875 (22.2) 9054 1.000 (25.4)



Material: Nylon 6/6, UL Rated 94V-0

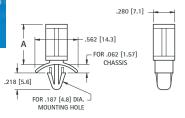
CAT. NO.	A LENGTH
9041	.250 (6.4)
9042	.375 (9.5)
9043	.500 (12.7)
9044	.625 (15.9)
9045	.750 (19.1)
9046	.875 (22.2)
9047	1.000 (25.4)

PC SPACER SUPPORTS

- · One attaches end locks into chassis · Other end supports the PC Board · Ideal for mid supports of large boards
 - · Simplifies assembly for multiple support applications · Reduces the amount of holes required in PC board

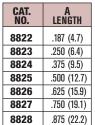
STURDY LOCK-IN

- . One end permanently attaches to .062 (1.57) thick chassis
- Accommodates varying board thicknesses
- Sturdy support due to large contact area



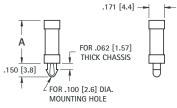
Material: Nylon 6/6, UL Rated 94V-0

Material: Nylon 6/6, UL Rated 94V-0



SLIMLINE LOCK-IN

- One end permanently attaches to .062 (1.57) thick chassis
- · Low protrusion under chassis
- · Small diameter frees up space on PC board



.125 (3.2) 9055 .187 (4.7) 9056 9057 .250 (6.4) 9058 .375 (9.5) 9059 .500 (12.7) 9060 .625 (15.9)

A LENGTH

Material: Nylon 6/6, UL Rated 94V-0

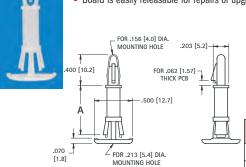
REVERSE CHASSIS MOUNT SUPPORTS

Permanently attaches to .059 (1.51) - .065 (1.65) thick case from outside

· Provides flat clean cosmetic appearance · Ideal for low clearance applications or for mounting directly to case walls

LOCK-IN RELEASE

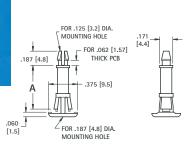
- . End locks onto .062 (1.57) thick PC board
- · Board is positively locked until manually released
- Board is easily releasable for repairs or upgrades



CAT. NO. A LENGTH 9061 .250 (6.4) 9062 .375 (9.5) 9063 .500 (12.7) 9064 .625 (15.9)

SLIMLINE LOCK-IN

- End permanently attaches to .062 (1.57) thick PC board
- · Small footprint frees up PC board space



CAT. NO. A LENGTH 9065 .250 (6.4) 9066 .375 (9.5) 9067 .500 (12.7) 9068 .625 (15.9)

Material: Nylon 6/6, UL Rated 94V-0

KEYSTONE

Material: Nylon 6/6, UL Rated 94V-0

70

NSULATED PC SPACERS/SUPPORTS