

Surface-Mount Spring-Top Standoffs

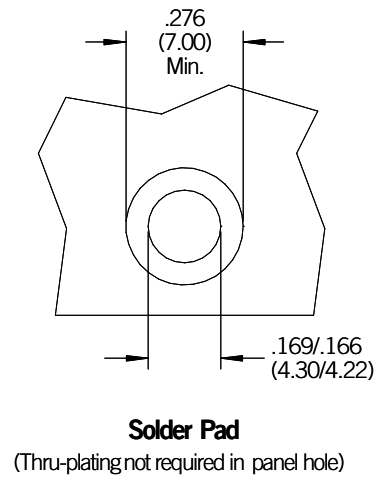
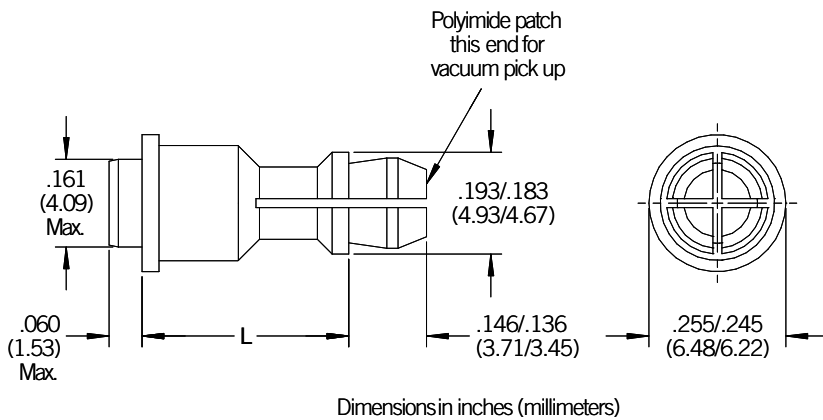
FEATURES

- Standoffs installed on p.c. boards at the same time and method as other surface-mount technology (SMT) components. Their spring action holds panels in place without threaded hardware.
- Reduce secondary handling of p.c. boards that may lead to potential damage.
- Packaged on tape and reel consistent with standard automated SMT installation equipment.
- Custom lengths available by request.



PART DESCRIPTION EXAMPLE

TGUST - .250 - TIN - MATTE
|
Length



MATERIAL AND FINISH

Carbon Steel/Electroplated Matte Tin per ASTM B545, Class A with Clear Preservative Coating, Annealed.

TGU Surface-Mount Spring-Top Standoffs

GENERAL

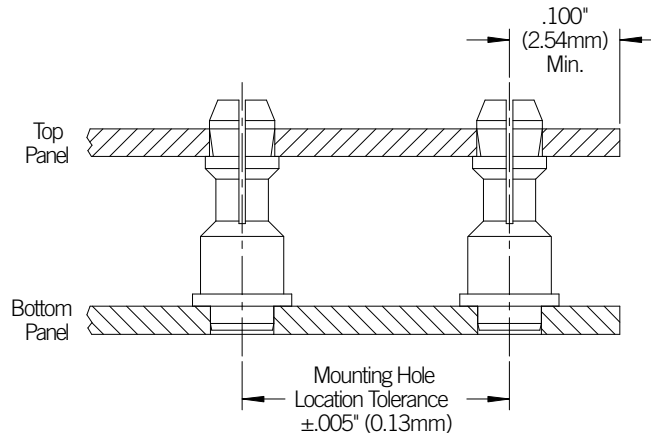
All dimensions in inches

INCH	Top Panel			Bottom Panel		
	Thickness	Material	Hole Diameter ¹	Minimum Thickness	Material	Hole Diameter
	.040-.070	Any	.156-.159	.060	P.C. Board	.166-.169

All dimensions in millimeters

METRIC	Top Panel			Bottom Panel		
	Thickness	Material	Hole Diameter ¹	Minimum Thickness	Material	Hole Diameter
	1.00-1.80	Any	4.00-4.08	1.53	P.C. Board	4.22-4.30

(1) Hole diameter may be increased to reduce panel removal force.



LENGTH

All dimensions in inches

INCH	L (Length) ± .005		
		.250	.312

All dimensions in millimeters

METRIC	L (Length) ± 0.13		
		6	8

REEL DATA

All dimensions in inches

INCH	Length		
		.250	.312
	Parts per Reel/Pitch		
		280/.630	250/.630

All dimensions in millimeters

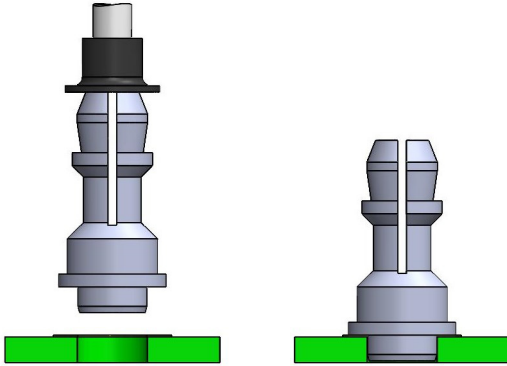
METRIC	Length		
		6	8
	Parts per Reel/Pitch		
		300/16	250/16

(1) Parts packaged on .945" (24mm) wide tape on 13" (330mm) recyclable reels conforming to EIA-481.

(2) Parts available in bulk without polyimide patch by special request.

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INSTALLATION



Apply solder paste to p.c. board pad. Place fastener by gripping end with polyimide patch. Solder fastener in place using surface-mount technology (SMT) practices.

PERFORMANCE DATA

Bottom Panel		Top Panel
Test Sheet Material	Push-out	Max. Snap-on Force
.062" (1.57mm) FR-4	113 lbs (500 N)	20 lbs (89 N)

(1) Performance information is based on reported industry values and for reference purposes only. Actual performance may vary depending on conditions. PENCOM strongly encourages testing in the application.



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