



PennEngineering
Corporate Headquarters – Danboro, PA
 5190 Old Easton Rd.
 Danboro, PA 18916
Phone: 215-766-8853
Toll-Free Phone: 1-800-237-4736 (U.S. only)
Email: info@pemnet.com
Website: www.pemnet.com

Part # SMTSO-080-4ET, ReelFast® microPEM® Surface Mount Nuts / Standoffs -

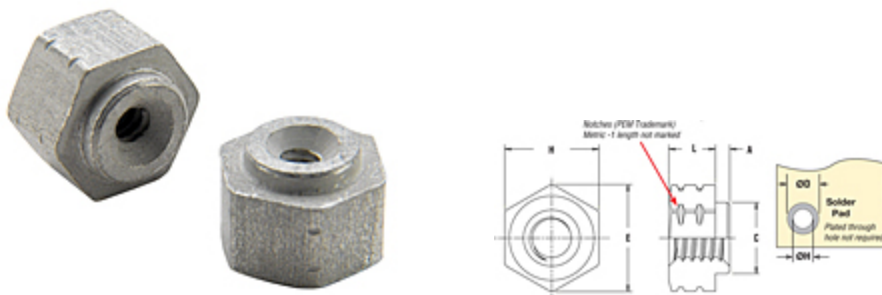
Type SMTSO Unified

Surface mount ReelFast® microPEM® (Type SMTSO™) fasteners for compact electronic assemblies attach to P.C. Boards for nut/standoff applications. These fasteners mount on P.C. Boards in the same manner and at the same time as other surface mount components prior to the automated reflow solder process. The fasteners simply become another board component.

Features and Benefits

- Hex shaped barrel provides larger solder area.
- Provided on tape and reel.
- Reduces board handling.
- Smallest thread size: M1 / #0

[+ more](#)



Specifications

Thread Size	.060-80 (#0-80)
Thread Code	080
Length Code	4
Min. Sheet Thickness	.020 in
A Max.	.019 in



C Max.	.095 in	
E Ref.	.144 in	
X Nom.	.125 in	
L - Length ± .003	.125 in	
ØH - Hole Size in Sheet + .003 - .000	.098 in	
ØD - Min. Solder Pad	.165 in	
Parts per Reel ¹	2000	
Pitch	8.00 mm	
Thread Specification	Unified ASME B1.1, 2B	
Fastener Material	Carbon Steel	
Standard Finish	Electro-Plated Tin, ASTM B545, Class A with Clear	Preservative Coating, Annealed
For use in	P.C. Board	
For Use in Sheet Hardness ²	NOT APPLICABLE	
CAD Supplier	PennEngineering® (PEM®)	

¹ Packaged on 13" recyclable reels. Tape width is 16 mm. Supplied with polyimide patch for vacuum pick up. Reels conform to EIA-481.

² HRB - Hardness Rockwell "B" Scale. HB - Hardness Brinell.