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Part # SMTPFLSM-M3-0ET, ReelFast® Surface Mount Spring-Loaded Panel Fastener - Metric Type SMTPFLSM™

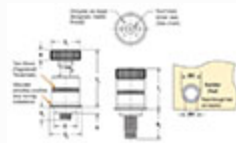
New Type SMTPFLSM™ surface mount spring-loaded panel fastener provides ease of installation and high precision positioning without loose hardware. It mounts on P.C. boards in the same manner and at the same time as other surface mount components prior to the automated reflow solder process. This alleviates concerns about potential damage to P.C. boards due to improper secondary installation operations. These fasteners are provided on tape and reel compatible with existing SMT automated

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Specifications

Thread Size	M3 x 0.5
Type	SMTPFLSM
Thread Code	M3
Screw Length Code	0
	1.6 mm
A (Shank) Max.	
Min. Sheet Thickness	1.6 mm
C Max.	5.46 mm
E1 ± 0.25	7 mm
E2 Nom.	7.6 mm
G1 ± 0.64	1 mm
G2 ± 0.64	5.3 mm
H ± 0.25	2.5 mm
T1 Nom.	9.6 mm
T2 Nom.	14 mm
ØK - Hole Size in Sheet + 0.08	5.6 mm



ØD - Min. Solder Pad	8.6 mm
Driver Size	T15
Number of Parts per Reel	200
Thread Specification¹	ASME B1.13M, 6g
Material Retainer	Carbon Steel
Material Screw	Hardened Carbon Steel
Material Spring	300 Series Stainless Steel
Finish Retainer	Electro-plated Tin ASTM B545, Class A with Preservative Coating, Annealed
Finish Screw	Zinc plated per SC1 (5µm), Type ASTM B633, III, colorless
Finish Spring	Natural Finish
CAD View	Fastened
CAD Supplier	PennEngineering® (PEM®)

¹ As with all Class 2A/6g external threads with an additive finish, the maximum major and pitch, after plating, may equal basic sizes and be gauged to Class 3A/4h, per ANSI B1.1, Section 8, Table 3A and ANSI B1.13M, Section 8, paragraph 8.2.