



● Material/Finish

RoHS2 Compliant

	SPE-MF
Main unit	PEEK (Polyether ether ketone) (Light brown)
Heat resistance temperature*1	260°C

*1: A value of plastic materials. The allowable operating temperature of the product varies depending on use conditions such as tightening torque.

- Miniature screws for precision devices.
- PEEK is thermoplastic super engineering plastic superior in physical and chemical properties.
- Excellent chemical resistance. It resists almost all chemicals other than concentrated sulfuric acid, concentrated nitric acid and concentrated hydrofluoric acid.
- It is highly heat-resistant and water-proofed and high temperature strength is retained.
- Features outstanding friction, shock, and fatigue resistance.
- It is highly frame-resistant satisfying V-0 of the UL standard 94.
- Plastic screw properties and precautions for use
→ P.xxxx

● Application

FPD production device / Semiconductor manufacturing device / Print board etching equipment / Metal surface treatment facility / Chemical plant / Transformer / Electric and electronic device / Hydrothermal pump / Chemical pump

Unit : mm

Part Number	M (Coarse)		L	D1	Tension Rupture Load*1 (N)	Torsional Torque*1 (N·m)	Mass(g)
	Nominal of Thread	Pitch					
SPE-M1.2-MF	M1.2	0.25	2.5	4	2.3	0.03	0.004 - 0.006
SPE-M1.4-MF	M1.4	0.3	2.5	4	2.5	0.037	0.005 - 0.006
SPE-M1.6-MF	M1.6	0.35	2.5	4	2.8	0.043	0.006 - 0.008

*1: Values in chart are for reference only. They are not guaranteed values. The recommended torque is 50% of the torsional torque.

Part Number	Qty per pack*1
SPE-M1.2-MF	10
SPE-M1.4-MF	10
SPE-M1.6-MF	10

*1: Also sold separately from 1 piece up.
→ P.xxxx

● Part number specification

SPE-M1.6-4-MF

Product Code **1** Product Code **2**

Place order by a bag.
Also sold separately from 1 piece up. → P.xxxx

Individual Sales → P.xxxx	Cleanroom Wash & Packaging → P.xxxx	Screw Length Adjustment → P.xxxx	Vibration Resistant → P.xxxx	Modification process for captive use → P.xxxx
Available / Add'l charge	Available / Add'l charge	Not Available	Not Available	Not Available