

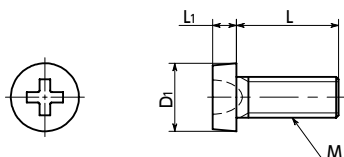
SPE-MC3**Plastic Cross Recessed Micro Pan Head Machine Screws - PEEK - Type 3**

Heat-resistance

Chemical-proof

Miniature Size

Electrical Insulation



● Material/Finish



	SPE-MC3
Main Body	PEEK (Polyether Ether Ketone) (Light Brown)
Heat Resistance Temperature*1	260°C

*1: This is the value for the resin material. The operating temperature of the product changes with performance conditions such as tightening torque.

● Related Products

Mount and remove with **SKCHB**Dedicated Bits and **SRD**

Dedicated Magnetic Screwdriver.

Dedicated Bits **SKCHB**

Dedicated Magnet Screwdrivers

SRD

● Part Number Specification

SPE-M1.2-2-MC3

- PEEK miniature screws for precision instruments (No. 0 Class 3).
- PEEK is a thermoplastic super engineering plastic superior in physical and chemical properties.
- Excellent chemical resistance. It remains almost unaffected by chemicals other than concentrated sulfuric acid, concentrated nitric acid, and concentrated hydrofluoric acid.
- With excellent heat resistance and water resistance, it retains strength at high temperatures.
- It features outstanding resistance to wear, shock, and fatigue.
- It also has high flame retardance which clears the UL 94 V-0 standard.
- For the properties and precautions for use of plastic screws, see "Properties of Plastic Screws."
- Mount and remove with **SKCHB** Dedicated Bits and **SRD** Dedicated Magnetic Screwdriver.

● Application

FPD production equipment / Semiconductor manufacturing equipment / Printed circuit board etching devices / Metallic surface treatment equipment and facilities / Chemical plants / Transformers / Electrical and electronic equipment / Hot water pumps / Chemical pumps

Unit : mm

Part Number 1	M (Coarse)		L 2								D1	L1	Bit Part No.	Tensile Breaking Load*1 (N)	Torsional Torque*1 (N·m)	Mass (g)	Qty per Pack
	Nominal of Thread	Pitch															
SPE-M1.2-MC3	M1.2	0.25	1.5	1.8	2	2.5	3	3.5	4		2	0.7	SKCHB-M1.2	58	0.027	0.03 - 0.05	20
SPE-M1.2-MC3(100)	M1.2	0.25	1.5	1.8	2	2.5	3	3.5	4		2	0.7	SKCHB-M1.2	58	0.027	0.03 - 0.05	100
SPE-M1.4-MC3	M1.4	0.3			2	2.5	3	3.5	4	6	2.5	0.8	SKCHB-M1.4	82	0.031	0.04 - 0.06	20
SPE-M1.4-MC3(100)	M1.4	0.3			2	2.5	3	3.5	4	6	2.5	0.8	SKCHB-M1.4	82	0.031	0.04 - 0.06	100
SPE-M1.6-MC3	M1.6	0.35			2	2.5	3	3.5	4	6	2.8	0.8	SKCHB-M1.6	94	0.041	0.05 - 0.07	20
SPE-M1.6-MC3(100)	M1.6	0.35			2	2.5	3	3.5	4	6	2.8	0.8	SKCHB-M1.6	94	0.041	0.05 - 0.07	100

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

- When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

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