

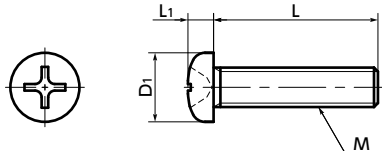
# SPE-P Plastic Screws - Cross Recessed Pan Head Machine Screws - PEEK



WEB Selection Tool

WEB CAD Download

Chemical-proof



## ● Application

FPD production equipment, semiconductor devices, printed circuit board etching devices, metallic surface treatment equipment and facilities, chemical plants, transformers, electrical and electronic equipment, hot water pumps, and chemical pumps

## ● Material/Finish

RoHS Compliant

	SPE-P
Main body	PEEK/Light brown
Heat Resistance Temperature*	180°C

\*This is the value for the plastic material. The maximum operating temperature of the product changes with performance conditions such as tightening torque.

- PEEK is a thermoplastic super-engineering plastic with excellent physical and chemical properties.
- These screws have excellent chemical resistance. They are mostly unaffected by chemicals excluding concentrate sulfuric acid, concentrate nitric acid, and concentrate hydrofluoric acid.
- These screws have excellent heat resistance, water resistance, and high heat resistance strength.
- These screws have excellent abrasion, shock, and fatigue resistance.
- They have high incombustibility that meets V-0 of UL 94.
- The properties and precautions of plastic screws  
➔ P.724

Unit : mm

Part Number	M	L											D1	L1	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)		
<b>SPE-M1.7-P</b>	M1.7	4													2.5	0.5	59	0.02	0.0088
<b>SPE-M2-P</b>	M2	4	5	6	8	10	12								3.5	1.3	160	0.06	0.023 - 0.048
<b>SPE-M2.6-P</b>	M2.6			6	8	10	12								4.5	1.7	312	0.16	0.055 - 0.087
<b>SPE-M3-P</b>	M3		5	6	8	10	12	15	16	20	25				5.5	2	430	0.3	0.082 - 0.22
<b>SPE-M4-P</b>	M4			6	8	10	12	15	16	20	25	30			7	2.6	765	0.64	0.17 - 0.48
<b>SPE-M5-P</b>	M5			6	8	10	12	15	16	20	25	30			9	3.3	1230	1.28	0.33 - 0.8
<b>SPE-M6-P</b>	M6					10	12	15		20	25	30	10.5	3.9	1670	2.26	2.26	0.65 - 1.2	
<b>SPE-M8-P</b>	M8							15		20	25		14	5.2	3090	5.98	5.98	1.6 - 2.2	

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

Part Number	Qty per pack*1
<b>SPE-M1.7-P</b>	20
<b>SPE-M2-P</b>	20
<b>SPE-M2.6-P</b>	20
<b>SPE-M3-P</b>	20
<b>SPE-M4-P</b>	20
<b>SPE-M5-P</b>	10
<b>SPE-M6-P</b>	10
<b>SPE-M8-P</b>	5

\*1 The minimum order quantity is 1 piece. ➔ P.794

## ● Related Products

**SPE-N** Plastic Hexagon Nut (PEEK) is available.  
➔ P.741



- ⚠ Precautions for Use**  
Because a cumulative pitch difference is created when PEEK screws are manufactured, use these screws with nuts. If a nut is not used, use a 20 mm or less fit with female thread.

## ● Part number specification

### SPE-M5-20-P

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

Order in number of packs.  
The minimum order quantity is 1 piece. ➔ P.794

Individual Sales ➔ P.794	Cleanroom Wash & Packaging ➔ P.792	Screw Length Adjustment ➔ P.796	Vibration Resistant ➔ P.795	Modification process for captive use ➔ P.791
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Not Available