

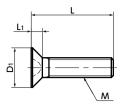
## Plastic Screw PPS / Phillips Cross Recessed Flat Head Machine Screws











## Material/Finish

• Material/Till	₩ RoHS
	SPS-F
Main body	PPS (Polyphenylene Sulfide) (Bright Light Brown) (Glass Fiber 40%)
Heat Resistance Temperature*1	200℃

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



- PPS has excellent heat resistance and chemical resistance and continuous duty temperature of 200℃. Under 200℃, no oils, fats, or organic solvents dissolve PPS.
- It has high strength, high rigidity, and high heat resistance strength.
- It has high incombustibility that meets V-0 of UL 94.
- The properties and precautions of plastic screws → P.xxxx
- 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 / Chemical pumps

	M (Coarse)			L <b>1</b>										Tension*1	Torsional*1		
Part Number	Nominal of Thread 1	Pitch									D1	1 1	Cross-recessed Socket Number	Rupture Load			Qty per pack
SPS-M3-F	M3	0.5	6	8	10	12	15	20	25		6	1.75	2	558	0.29	0.11 - 0.27	20
SPS-M4-F	M4	0.7		8	10	12	15	20	25		8	2.3	2	966	0.69	0.25 - 0.47	20
SPS-M5-F	M5	8.0			10	12	15	20	25		10	2.8	2	1548	1.23	0.52 - 0.87	10
SPS-M6-F	M6	1			10	12	15	20	25	30	12	3.4	3	2028	2.05	0.83 - 1.4	10

- \*1: Values in chart are for reference only. They are not guaranteed values. The recommendation 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.

## • Part number specification



1 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

