



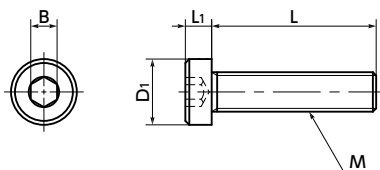
# SPS-LC Plastic screw - Hex Socket Low Head Bolt - PPS

WEB Selection Tool

WEB CAD Download

Heat-resistance

Chemical-proof



## ● Material/Finish

RoHS2 Compliant

SPS-LC	
Main body	PPS (Poly Phenylene Sulfide) (Bright Light Brown) (Glass fiber 40%)
Heat resistance temperature*1	200°C

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

- Hex socket head cap screw with low head.
- For space-saving of equipment/device and applications with a limited top space.
- PPS is excellent in heat resistance and chemical resistance and continuously used at 200°C. No fat or organic solvent cannot dissolve PPS at 200°C or below.
- High strength, high rigidity and high temperature strength is retained.
- It is highly flame-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 <span style="color: red;">▶</span>							D1	L1	B	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)			
	Nominal of Thread <span style="color: red;">▶</span> 1	Pitch	6	8	10	12	16	20	25							30	35	40
SPS-M3-LC	M3	0.5											5.5	2	2	533	0.17	0.11 - 0.25
SPS-M4-LC	M4	0.7											7	2.8	2.5	898	0.63	0.24 - 0.59
SPS-M5-LC	M5	0.8											8.5	3.5	3	1568	1	0.38 - 1
SPS-M6-LC	M6	1											10	4	4	1891	1.74	0.74 - 2.1

\*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
SPS-M3-LC	10
SPS-M4-LC	10
SPS-M5-LC	10
SPS-M6-LC	5

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

## ● Part number specification

### SPS - M5 - 30 - LC

Product Code ▶1 ▶2 Product Code

Order in number of packs.

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	Available / Add'l charge	Not Available	Please feel free to contact us