

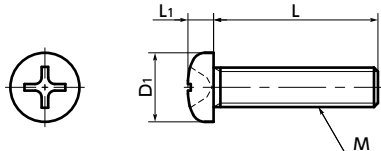
# SPA-P Plastic Screw - Cross Recessed Pan Head Machine Screws - RENY



WEB Selection Tool

WEB CAD Download

High strength



## ● Application

Electrical and electronic equipment, insulation and dew condensation prevention for refrigerators and freezers, aquatic applications, electrochemical plating, lightweight applications in automobiles, aircrafts, and spacecrafts

## ● Material/Finish

RoHS Compliant

	SPA-P
Main body	RENY* (50% Glass Fiber Reinforced Polyamide MXD6) /Ivory
Heat Resistance Temperature**	105°C

\*RENY is a registered trademark of Mitsubishi Engineering-Plastics Corporation.

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

- RENY is a thermoplastic super-engineering plastic with excellent tensile and flexural strength.
- Screws have excellent fatigue resistance, cleanliness, and thermal insulation.
- It has a hardness level near that of metal but its mass is 1/5th that of iron.
- The properties and precautions of plastic screws  
➔ P.724

Unit : mm

Part Number	M <span style="color:red">❶</span> L <span style="color:red">❷</span>		D1	L1	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)
	M	L					
SPA-M1.7-P	M1.7	4	2.5	0.5	80	0.03	0.011
SPA-M2-P	M2	3 4 5 6 8 10 12	3.5	1.3	303	0.1	0.028 - 0.061
SPA-M2.6-P	M2.6	6 8 10 12	4.5	1.7	588	0.24	0.07 - 0.11
SPA-M3-P	M3	4 5 6 8 10 12 15	5.5	2	635	0.39	0.093 - 0.19
SPA-M4-P	M4	5 6 8 10 12 15 20	7	2.6	1470	0.79	0.2 - 0.36
SPA-M5-P	M5	8 10 12 15 20 25	9	3.3	2450	1.77	0.47 - 0.76
SPA-M6-P	M6	10 12 15 20 25	10.5	3.9	3140	2.94	0.83 - 1.4

\*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
SPA-M1.7-P	50
SPA-M2-P	50
SPA-M2.6-P	50
SPA-M3-P	50
SPA-M4-P	50
SPA-M5-P	20
SPA-M6-P	20

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

## ● Part number specification

### SPA - M5 - 20 - P

Product Code ❶ ❷ 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	Not Available	Not Available	Not Available