



SPDC-H Plastic Screw - Hex Head Screws - VESPEL (Grade : SCP - 5000)

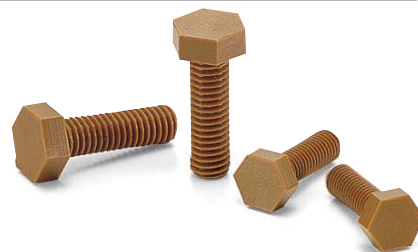
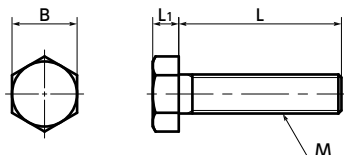
WEB Selection Tool

WEB CAD Download

Cleanroom wash & packaging

Heat-resistance

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

	SPDC-H
Main body	VESPEL SCP-5000 (Non-thermoplastic Polyimide Resin)
Heat Resistance Temperature*	350°C

● VESPEL is a registered trademark of DuPont.

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

- VESPEL SP-1 is a non-thermoplastic super-engineering plastic with excellent physical and chemical properties.
- Properties of VESPEL SP-1 → P.727
- This material maintains high strength and flexibility even under high temperatures and does not soften up to 350 deg C. Due to its stable and long-term heat resistance, it has a continuous duty temperature of 350 deg C.
- The screws have excellent chemical resistance, plasma resistance, radiation hardness, and abrasion resistance.
- Thanks to the powder compression molding method, no bubbles blend in and outgas quantity is extremely low. → P.727

Unit : mm

Part Number	M	L		B	L1	Torsional*1 Torque (N·m)	Mass (g)
SPDC-M3-H	M3	6	8	10	12	16	0.12 - 0.21
SPDC-M4-H	M4	6	8	10	12	16	0.25 - 0.53
SPDC-M5-H	M5		8	10	12	16	0.46 - 0.97
SPDC-M6-H	M6			10	12	16	0.82 - 1.8
SPDC-M8-H	M8			10	12	16	1.7 - 3.5

*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
SPDC-M3-H	1
SPDC-M4-H	1
SPDC-M5-H	1
SPDC-M6-H	1
SPDC-M8-H	1

● Related Products

[SPD-H] VESPEL (Grade : SP-1)
Socket Head Cap Screw, which has a heat resistance temperature of 280 deg C is available.

→ P.729



● Part number specification

SPDC - M5 - 20 - H
Product Code **1** **2** Product Code

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
1 unit in 1 bag	Cleanroom washed and packed	Available / Add'l charge	Not Available	Please feel free to contact us