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SPDC-C Plastic Screws - Hex Socket Head Cap Screws - VESPEL (Grade: SCP - 5000)

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

 Material/Finish 	🚺 RoHS
	SPDC-C
Main Body	VESPEL SCP-5000 (Non-thermoplastic Polyimide Resin)
Heat Resistance Temperature*1	350℃

• VESPEL is a registered trademark of DuPont.

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



- VESPEL SCP-5000 is a non-thermoplastic superengineering plastic with excellent physical and chemical properties.
- This material maintains high strength and flexibility even under high temperatures and does not soften up to 350℃. Due to its stable and long-term heat resistance, it has a continuous duty temperature of 350℃.
- 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.xxxx
- Cleanroom wash and cleanroom packing are completed. \rightarrow P.xxxx

																Unit : mm
Part Number	M (Coarse) 1			_								_			Torsional*1	
	Nominal of Thread	Pitch	L 🔁									D1	L1	В	Torque (N∙m)	Mass (g)
SPDC-M3-C	M3	0.5	6	8	10	12	16					5.5	3	2.5	0.21	0.13 - 0.21
SPDC-M4-C	M4	0.7	6	8	10	12	16	20	25			7	4	3	0.47	0.28 - 0.58
SPDC-M5-C	M5	0.8		8	10	12	16	20	25	30		8.5	5	4	0.98	0.45 - 1
SPDC-M6-C	M6	1			10	12	16	20	25	30	40	10	6	5	1.65	0.86 - 2
SPDC-M8-C	M8	1.25			10	12	16	20	25	30	40	13	8	6	4.04	1.9 - 3.8

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

• Part number specification



Batch cleanroom packing is provided for orders containing multiple items of the same size.

👖 Inclividual Sales 🔶 P.xxxx 🕵 Cleanroom Wash & Packaging 🔶 P.xxxx 🖬 🖬 Screw Length Adjustment 🄶 P.xxx 💶 Vibration Resistant 🔶 P.xxxx 🎬 Modification process for captive use 🄶 P.xxx 1 piece in 1 pack Cleanroom washed and packed Available / Add'l charge Not Available Please feel free to contact us