



GCS - 8k THERMALLY CONDUCTIVE INSULATOR

GCS-8k is a ceramic filled thermally conductive insulator

Features

- Dielectric performance in insulator pad
- Designed to replace ceramic insulators
- Resistant to tears and punctures
- Good electrical insulation
- 1.3 W/m K thermal conductivity



Configurations

PART NUMBER	TOTAL THICKNESS (MM)
GCS-8k-200x200-0.15	0.15
GCS-8k-200x200-0.2	0.2

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Light yellow
Thickness mm	ASTM D374	0.15 to 0.2
Thermal conductivity W/m*K	ASTM D5470	1.3
Kapton thickness	ASTM D374	0.025 to 0.05
Dielectric strength, kV/mm	ASTM D792	>6
Dielectric constant (@1kHz)	ASTM D150	1.8
Operation temperature (°C)	-	-50 to +130
Volume resistivity	ASTM D257	>10 ¹⁴
Flammability	UL94	V-0



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