

RoHS
Compliant



Description

This product is a thermally conductive electrically isolating material, based on fibreglass substrate. This product has a wide variety of applications due to its conductive and insulative properties, and its convenient assembly.

Features

- 1.3W/mk thermal conductivity
- Very good insulation
- Fire prevention
- Shock resistant

Applications

- Power conversion equipment, power semiconductors - MOSFET, IGBT and RF
- Audio/video components
- Automotive control units, motor controllers

Properties

Characteristic	Value	Test Method
Colour	Grey	Visual
Thickness	0.18mm	-
Thermal Conductivity	13W/mK	ASTM D5470
Hardness (Shore OO)	98	ASTM D2240
Specific Gravity	1.9g/cm ³	ASTM D792
Dielectric Strength	5kV/mm	ASTM D149
Operation Temperature	-50°C to +200°C	EN344
Flame Rating	V-0	UL94

Part Number Table

Description	Part Number
Thermally conductive insulator, Grey, 1.3W/mK, 300mm × 300mm × 0.18mm	MPGCS-013TCI-300-0.18

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