



# GCS - 018TCI THERMALLY CONDUCTIVE INSULATOR

**GCS-018TCI** is a ceramic filled thermally conductive insulator

## Features

- Fire prevention
- Shock resistant
- Good electrical insulation
- 1.8 W/m K thermal conductivity



## Configurations

PART NUMBER	TOTAL THICKNESS (MM)
GCS-018TCI-300x300-0.23	0.23

## Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Grey
Thickness mm	ASTM D374	0.23
Thermal conductivity W/m <sup>2</sup> K	ASTM D5470	1.8
Dielectric strength, kV/mm	ASTM D792	>5
Hardness (Shore OO)	ASTM D2240	95
Operation temperature (°C)	EN344	-50 to +200
Flammability	UL94	V-0

## Applications

- Power conversion equipment, IGBTs, MOSFETS
- Audio/video components
- Motor controllers, automotive systems



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