



# Datasheet

## Phase change interface material

RS Stock Numbers: 9092089, 9092083

GCS-104-PCM is a highly appressed phase change material

### Features

- Excellent thermal conductivity
- Good adhesion
- Good efficacy
- Good voltage resistance
- Easy to assemble

### Configurations

RS Stock Number	Part number	Total thickness	Sheet size
9092089	GCS-104-PCM-150150-0.06	0.06mm	150x150mm
9092083	GCS-104-PCM-150150-0.12	0.12mm	150x150mm

### Properties

Characteristic	Value
Colour	Grey
Thermal impedance °Cin <sup>2</sup> /W@1mil	0.018
Thermal impedance °Cin <sup>2</sup> /W@2mil	0.02
Thermal conductivity W/mK	4.0
Phase changing temperature °C	50 ~ 55
Density g/cm <sup>3</sup>	2.8
Thickness mm	0.06 - 0.12
Storage temperature °C	<40
Operating temperature °C	-30 ~ 125
Electrical Volume Resistivity	>10 <sup>7</sup>
Shelf life (Months)	24