

**ENGLISH** 

# 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 impedence °Cin2/W@1mil	0.018	
Thermal impedence °Cin2/W@2mil	0.02	
Thermal conductivity W/mK	4.0	
Phase changing temperature °C	50 ~ 55	
Density g/cm³	2.8	
Thickness mm	0.06 - 0.12	
Storage temperature °C	<40	
Operating temperature °C	-30 ~ 125	
Electrical Volume Resistivity	>107	
Shelf life (Months)	24	

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