

# Datasheet

## Phase change interface material

RS Stock Number: 9092049

DC-HS50-TG-PCM-20-0.13 is a high performance thermal interface pad available in different sizes. Suitable for use with electronic components: IC / CPU / MOS / LED / M/B / P/S / Heat sinks / LCD-TV / Notebook PC / PC / Telecom device / Wireless hubs / DDR II module / DVD applications / Hand -set applications and more.

### Features

- Low thermal resistance
- Natural tack
- Naturally tacky and easy to use
- Long term reliability
- Good thermal conductivity
- Customised parts

### Characteristics

### Drawing

Characteristic	Value
Colour	Grey
Dimensions mm	49 x 21 (see drawing)
Thermal impedance °Cin <sup>2</sup> /W	0.035
Thermal conductivity W/m K	2.5
Phase changing temperature °C	50 ~ 60
Density g/cm <sup>3</sup>	1.2
Thickness mm	0.127
Storage temperature °C	<40
Operating temperature °C	-45 ~ 125
Shelf life (Months)	24

