

TG-PCM095

Phase Change Materials

REACH Compliant

RoHS Compliant

Features

- Good flow rate over phase change temperature
- Fully filled the gaps of contact surface
- Low thermal impedance

Applications

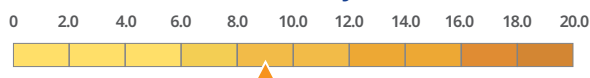
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Storage

Shelf Life: 12 months at or below 25°C

Properties

Thermal Conductivity : 9.5 W/m·K



Properties	Unit	TG-PCM095	Test Method
Thermal Conductivity	W/m·K	9.5	ASTM D5470
Thickness	mm	0.20/0.25	ASTM D374
	inch	0.0079/0.0098	ASTM D374
Color	-	Gray	-
Phase Transition Temperature	° C	45	-
Density	g/cm ³	2.55	ASTM D792
Operating Temperature	° C	-50~+140	-
Thermal Impedance @10psi	°C *in ² /W	0.0173	ASTM D5470
Thermal Impedance @30psi	°C *in ² /W	0.0063	ASTM D5470
Thermal Impedance @50psi	°C *in ² /W	0.0057	ASTM D5470

※Die-cut for different shapes

T-Global USA LLC

2880 Zanker Road, Suite 103, San Jose, CA 95134, USA

T +1(669)345-0002

E usa@tglobal-usa.com

W www.tglobal-usa.com

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