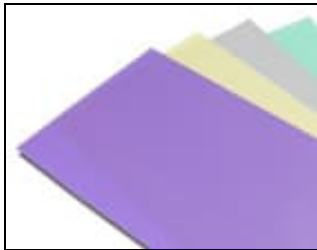




TCP050 Thermal Conductive Pad



PRODUCT DESCRIPTION

TCP050 thermal conductive pad are applied to fill the gaps between the heating and cooling elements to reduce the temperature difference. The flexibility and elasticity make them suited to the uneven surfaces to enhance the heat dissipation efficiency and life-time of the heat-generating electronic components.

Features

- Thermal conductivity reach 5.0 W/m-K
- Naturally sticky
- Good Electrically isolating
- Easy to assembly

Applications

- IT devices
- LED Lighting devices
- Military Electronics devices
- Telecom devices

Property	Data	Test Method
Composition	Silicone elastomer	
Color	Purple	Visual
Thermal Conductive	5.0 W/(m-K)	ASTM D5470
Hardness	50~70 Shore 00	ASTM D2240
Density	3.1 g/cm ³	ASTM D792
Temperature Range	-40~+200°C	-----
Breakdown Voltage (V/mm)	>5000 V	ASTM D149
Flame Rating	UL 94 V-0	UL 94
Dielectric Constant@1 MHz	12.6 MHz	ASTM D150
Volume Resistivity	8.0×10 ¹² ohm-cm	ASTM D257
Tensile Strength	25 psi	ASTM D412
Thickness (mm)	0.3~10.0	-----

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein.

