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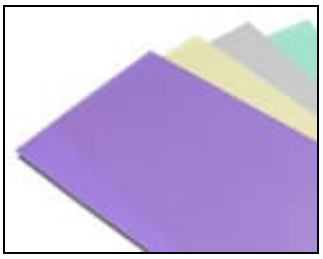
TCP130 Thermal Conductive Pad



PRODUCT DESCRIPTION

TCP130 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 very uneven surfaces to enhance the heat dissipation efficiency and life-time of the heat-generating electronic components.

Features

- Thermal conductivity reach 13.0 W/m-K
- High Thermal Conductivity
- 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	Gray	Visual
Thermal Conductive	13.0 W/(m-K)	ASTM D5470
Hardness	50~70 Shore 00	ASTM D2240
Density	3.5 g/cm^3	ASTM D792
Temperature Range	-40~+200℃	-----
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	32 psi	ASTM D412
Thickness (mm)	0.5~10.0	-----