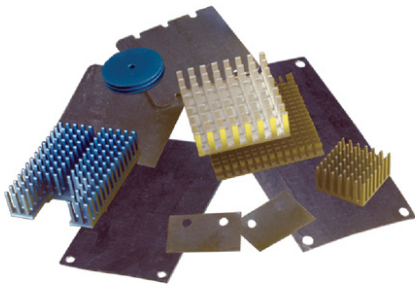




ENGLISH

Part Number: 9225249
Solid State Relay - Thermal Pad
Product Data Sheet

PICTURE



FEATURES

- High thermal conductivity of 5 W/mK in Z axis and 240 W/mK in the X-Y axis
- >98% graphite
- Low thermal resistance
- Thicknesses of 0.005" (0.125mm)

✓RoHS Compliant

SPECIFICATIONS

		TEST METHOD
Construction & Composition	Flexible Graphite	
Color	Pewter	Visual
Thickness	0.005" (0.125mm)	
Thickness Tolerance	± 0.001" (± 0.025mm)	
Density	2.20 g/cc	Helium Pycnometer
Hardness	85 Shore A	ASTM D2240
Tensile Strength	650 psi	ASTM D412
Outgassing TML	0.15%	ASTM E595
Outgassing CVCM	0.09%	ASTM E595
UL Flammability Rating	94 VO	
Temperature Range	-240°C to 300°C	
Thermal Conductivity - Z Axis	5 W/mk	ASTM D5470 (modified)
Thermal Conductivity - XY Axis	240 W/mk	ASTM D5470 (modified)
Thermal Resistance @ 100 psi	0.07 °C-in ² /W	ASTM D5470 (modified)
Thermal Resistance @ 681 KPa	0.42 °C-cm ² /W	ASTM D5470 (modified)
Volume Resistivity (In-Plane)	11 x 10 ⁻⁵ ohm-cm	ASTM D257