

VieTape TIM9002

HIGH THERMAL CONDUCTIVE PAD

DESCRIPTION

VieTape TIM9002 is a high thermal conductive pad with low thermal resistance and very good surface consistency. It can be used to fill small gaps, provide good toughness and high electrical insulation.

APPLICATIONS

Used for heat-generating components, such as VRMs, ASICs, DSPs, BGAs, CD/DVD ROMs, and network communication equipment, ...

TYPICAL PERFORMANCE PROPERTIES

PROPERTIES	VALUE	METHOD
Color	Red	Visual
Thickness	0.5 - 10 mm	ASTM D374
Density	3.35 g/cm ³	ASTM D792
Hardness	55 (Shore 00)	ASTM D2240
Weight loss	≤ 0.7 %	Filter paper adsorption @ 25% compression 125°C 48H
Breakdown voltage	> 6.0 kV/mm	ASTM D149
Dielectric Constant @ 1MHz	7.2	ASTM D150
Volume resistivity	10 ¹² Ohm.cm	ASTM D257
Thermal conductivity	8.0 W/mK	ISO 22007-2
Thermal resistance	0.08 °C.in ² /W, 20psi@1.0mm	ASTM D5470
Working Temperature	-40 ~ 150°C	-

SHELF LIFE

12 months from date of manufacture when stored at 10-30°C and 40 - 50% relative humidity. Avoid high humidity and exposure to sunlight.

CAUTION

For safe handling information on this product, please review the Safety Data Sheet, SDS.

The data contained in this bulletin is provided only as a guide for evaluation/consideration. These material characteristics are typical properties that are based on a limited number of samples tested in the laboratory. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any product or method. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.

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