

TG-V833/TG-V838

Thermal Phase Change Materials



Features

With the good flow ability over phase change temperature, surface irregularities can be well filled
 Low thermal impedance
 High reliability

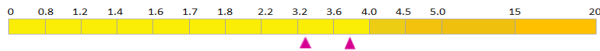
Applications

Electronic components: IC, CPU, MOS, LED, M/B, P/S, Heat Sink, LCD-TV, Notebook PC, PC, Telecom Device, Wireless Hub.....etc
 DDR II Module, DVD Applications, Hand-set applications.....etc

Properties

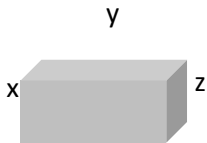
Thermal Conductivity: 3.3/3.8W/m.K

✓ RoHS Compliant

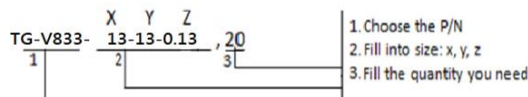


Properties	TG-V833	TG-V838	Unit	Tolerance	Test Method
Thermal Conductivity	3.3	3.8	W / mK	±10%	ASTM D5470
Thickness	0.13/0.2/0.3	0.13/0.2/0.3	mm	-	ASTM D374
Color	Gray	Gray	-	-	Visual
Phase Transition Temperature	50	50	°C	-	-
Thermal Impedance@50psi	0.013	0.013	°C-cm ² /W	-	Modified ASTM D5470
Specific Gravity	3.4	2.5	g / cm ³	±0.3	ASTM D792
Working Temperature	-40~125	-40~125	°C	-	-
Volume Resistance	3.0x10 ¹³	3.0x10 ¹²	Ohm-cm	-	ASTM D257
Dielectric Constant	13.3	13.3	@1KHz	-	ASTM D412
Breakdown voltage(Vac)	1	1	KV	-	ASTM D149

Need samples?



Pre-cut for different shapes



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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader

