

GT10D Thermal Pad

RoHS Compliant

Features

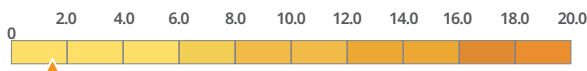
- Smooth surface & low contact resistance
- Low thermal impedance
- High stability
- Great reliability

Application:

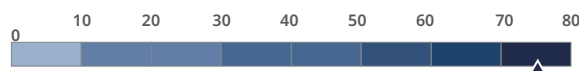
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Properties

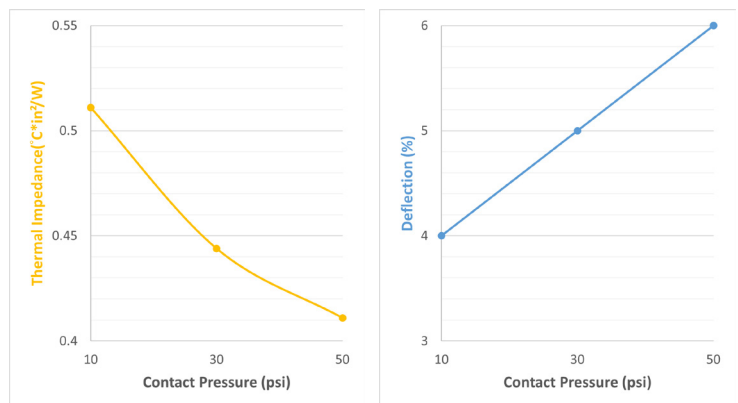
Thermal Conductivity : 1.5 W/m·K



Hardness : 75 (Shore A)



Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	GT10D	Tolerance	Test Method
Thermal Conductivity	W/m·K	1.5	±10%	ASTM D5470 Modified
Thickness	mm	0.25	-	ASTM D374
Color	-	Pink	-	Colorimeter CIE 1976
Reinforcement Carrier	-	Fiberglass Mesh	-	-
Dielectric Breakdown Voltage	KV	≥6	-	ASTM D149
Weight Loss	%	<0.2	-	ASTM E595 Modified
Density	g/cm³	2	±5%	ASTM D792
Operating Temperature	°C	-45~+180	-	-
Volume Resistivity	Ohm-m	>10 ¹²	-	ASTM D257
Elongation	%	50	-	ASTM D412
Tensile Strength	kgf/cm²	150	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore A	75	±7	ASTM D2240

※Different tolerances according to the selected thickness

※Die-cut for different shapes

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