

GT10D Thermal Pad

RoHS Compliant

Features

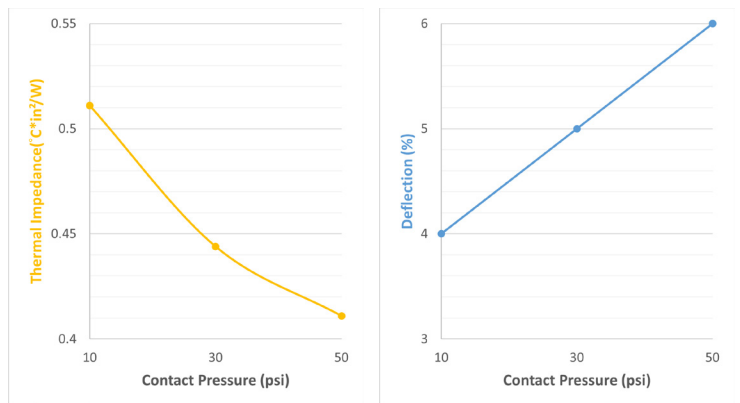
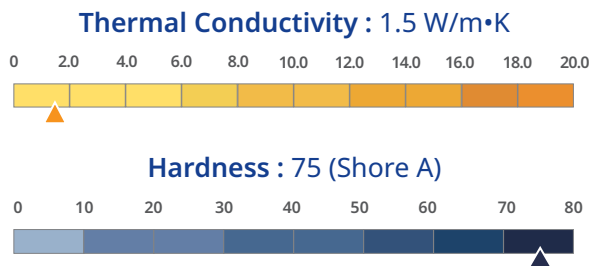
- Smooth surface & low contact resistance
- Low thermal impedance
- High stability
- Great reliability

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

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/cm ³	2	±5%	ASTM D792
Operating Temperature	°C	-45~+180	-	-
Volume Resistivity	Ohm-m	>10 ¹²	-	ASTM D257
Elongation	%	50	-	ASTM D412
Tensile Strength	kgf/cm ²	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

T-Global Technolgy Co., Ltd.

No.33, Ln.50, Daren Rd., Taoyuan Dist., Taoyuan City 330058, Taiwan

T +886-3-361-8899 E service@tglobalcorp.com W www.tglobalcorp.com

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