

GT20 Thermal Pad

REACH Compliant RoHS Compliant UL Comparable

Features

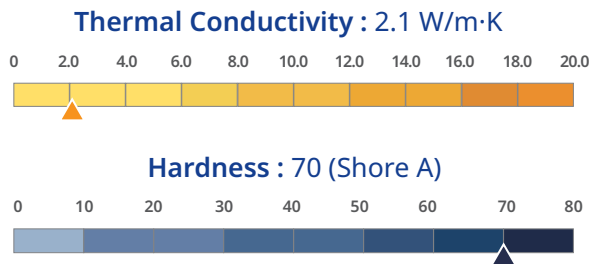
- Smooth surface & low contact resistance
- Wide temperature range
- Electrical insulation; high breakdown voltage

Applications

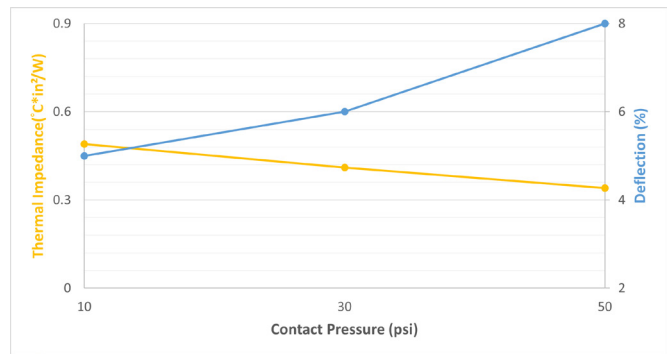
Usable over a wide temperature range

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	GT20	Tolerance	Test Method
Thermal Conductivity	W/m·K	2.1	±10%	ASTM D5470 Modified
Thickness	mm	0.3	-	ASTM D374
Color	-	Green	-	Colorimeter CIE 1976
Reinforcement Carrier	-	Fiberglass Mesh	-	-
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage (AC)	kV	≥4.1	-	ASTM D149
Dielectric Breakdown Voltage (DC)	kV	≥6.1	-	ASTM D149
Weight Loss	%	<0.2	-	By T-Global
Density	g/cm³	2.6	±5%	ASTM D792
Operating Temperature	°C	-45~+180	-	-
Volume Resistivity	Ohm·m	>10 ¹²	-	ASTM D257
Elongation	%	60	-	ASTM D412
Tensile Strength	kgf/cm²	200	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore A	70	±3	ASTM D2240

※Different tolerances according to the selected thickness
 ※Die-cut for different shapes

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