



TG-A38KX Thermal Pad

REACH Compliant

RoHS Compliant

UL Comparable

Features

- Great thermal conductivity
- Difficult to be deformed
- Easy to assemble
- Double sided inherent tack

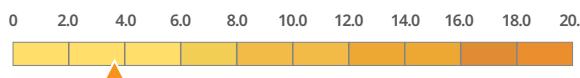
Applications

Best for low and medium power applications

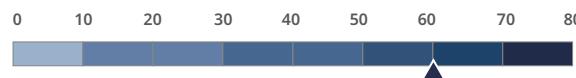
Electronic components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Properties

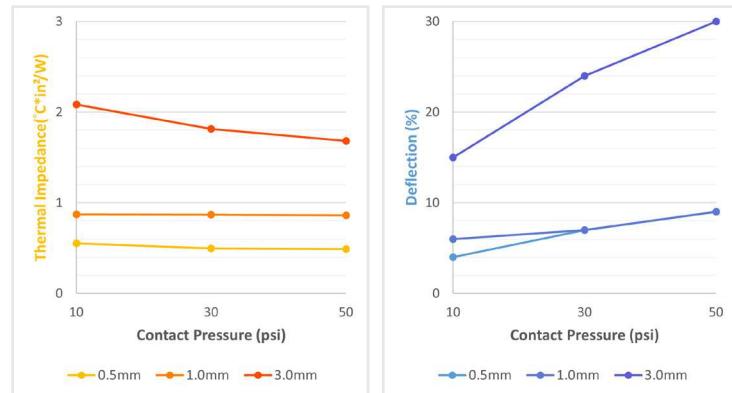
Thermal Conductivity : 3.8 W/m·K



Hardness : 60 (Shore OO)



Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	TG-A38KX	Tolerance	Test Method
Thermal Conductivity	W/m·K	3.8	±10%	ASTM D5470 Modified
Thickness	mm	0.3~10.0	-	ASTM D374
	inch	0.012~0.394	-	ASTM D374
Color	-	Blue	-	Colorimeter CIE 1976
Reinforcement Carrier	-	-	-	-
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	kV/mm	≥10	-	ASTM D149
Weight Loss	%	<1	-	By T-Global
Density	g/cm³	3.1	±5%	ASTM D792
Operating Temperature	° C	-40~+200	-	-
Volume Resistivity	Ohm·m	3×10^{12}	-	ASTM D257
Elongation	%	110	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	60	±8	ASTM D2240

※For thicknesses less than 1.0mm, hardness will be adjusted to 50-75 Shore OO to facilitate effective removal of liner during production

※Different tolerances according to the selected thickness

※Die-cut for different shapes

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Version21
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