

# TG-A373L / L37-3L Thermal Pad

REACH Compliant    RoHS Compliant    UL Comparable

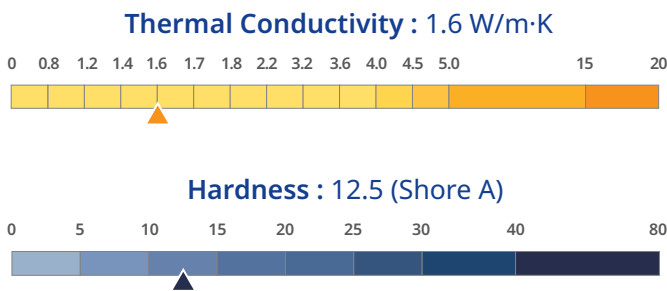
## Features

- High insulation strength
- Low contact thermal impedance
- High dielectric breakdown voltage
- Low oil bleed

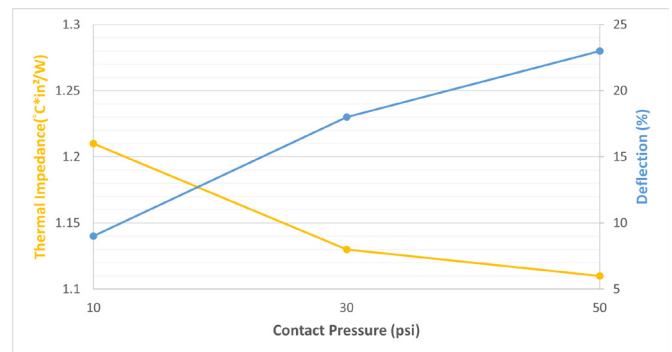
## Applications

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



## Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	TG-A373L / L37-3L	Tolerance	Test Method
Thermal Conductivity	W/m·K	1.6	±10%	ASTM D5470 Modified
Thickness	mm	0.5~10.0	-	ASTM D374
	inch	0.0197~0.394	-	ASTM D374
Color	-	Yellow	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	kV/mm	≥15.3	-	ASTM D149
Weight Loss	%	<0.2	-	By T-Global
Density	g/cm <sup>3</sup>	2.4	±5%	ASTM D792
Operating Temperature	°C	-45~+200	-	-
Volume Resistivity	Ohm·m	>10 <sup>11</sup>	-	ASTM D257
Elongation	%	20	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore A	12.5	±5	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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