

L37-3L / TG-A373L

Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

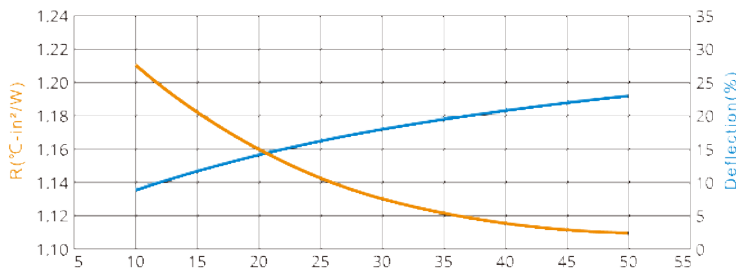
- High insulation strength
- Low contact thermal impedance
- High dielectric breakdown voltage
- Low oil bleed

Applications

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

Properties

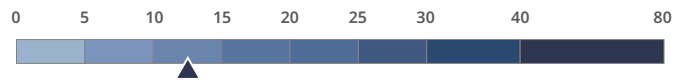
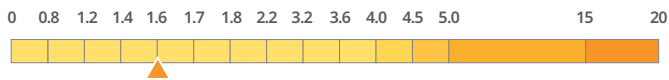
Thermal Resistance vs. Pressure vs. Deflection



Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	1.21	9
30	1.13	18
50	1.11	23

Thermal Conductivity : 1.6 W/mK

Hardness : 12.5 (Shore A)



Properties	L37-3L / TG-A373L	Unit	Tolerance	Test Method
Thermal Conductivity	1.6	W/mK	±10%	ASTM D5470
Thickness	0.5~10.0	mm	-	ASTM D374
	0.0197~0.0394	inch	-	ASTM D374
Color	Yellow	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥15.3	KV/mm	-	ASTM D149
Weight Loss	<0.2	%	-	ASTM E595
Density	2.4	g/cm ³	±10%	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 ¹¹	Ohm-m	-	ASTM D257
Elongation	20	%	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	12.5	Shore A	±5	ASTM D2240

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

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