

L37-3L Thermal Pad



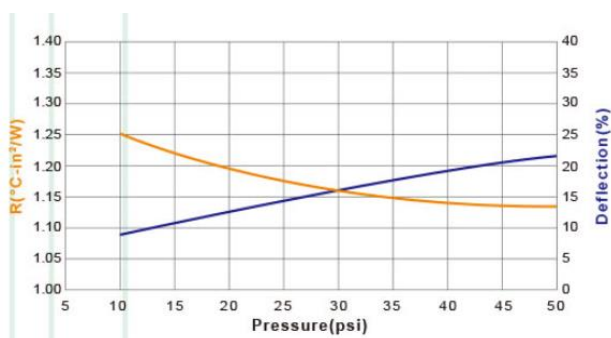
Features

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

Applications

Electronic components: IC, CPU, MOS, LED,
Mother Board, Power Supply, Heat Sink, LCD-TV,
Notebook PC, PC, Telecom Device, Wireless Hub,
DDR II Module, DVD Applications, Hand-set applications etc.

Thermal Resistance VS. Pressure VS. Deflection

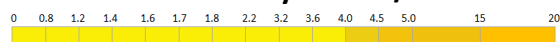


Pressure (psi)	R(°C-in ² /W)	Deflection(%)
10	1.25	9
30	1.16	17
50	1.14	22

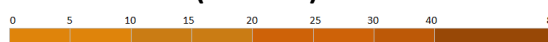
Properties

◆ REACH Compliant ◆ RoHS Compliant ◆ UL Compliant

Thermal Conductivity : 1.5 W/m.K



Hardness : 15 (Shore A)

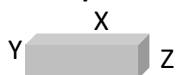


Testing sample thickness: 1.0mm

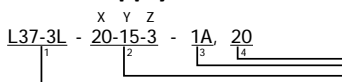
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, L37-3L provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. L37-3L provides good compliance and softness.

Properties	L37-3L	Unit	Tolerance	Test Method
Thermal Conductivity	1.5	W / mK	±0.15	ASTM 5470
Thickness	0.5~10	mm	-	ASTM D374
	0.0197~0.3937	inch	-	ASTM D374
Color	Yellow	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	15	KV/mm	±1.5	ASTM D149
Weight Loss	<0.2	%	-	ASTM E595
Density	2.4	g / cm ³	±0.24	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 ¹¹	Ohm-m	-	ASTM D257
Elongation	20	%	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	15	Shore A	±5	ASTM D2240

Need samples?



Available to apply adhesive



Pre-cut for different shapes

1. Choose the P/N
2. Fill into size :X, Y, Z
3. Apply the adhesive or not? 0=none, 1A=one side, 2A=two sides
4. Fill the quantity you need

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader

