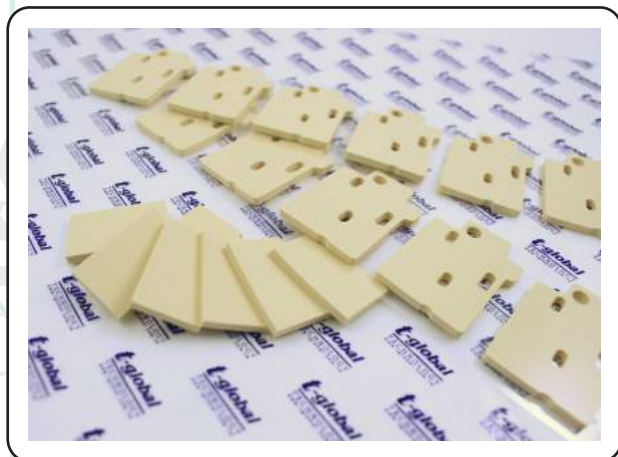


L37-3L 導熱矽膠 Thermal Pad



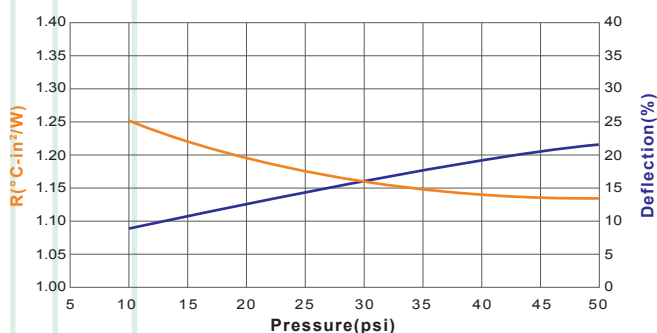
產品特性 Features

- Very good thermal conductivity 良好的導熱性
- High insulation strength 高絕緣強度
- Low contact thermal impedance 低熱阻
- High dielectric breakdown voltage 高耐電壓
- Low oil-bleed 低出油量

產品應用端 Applications

Electronic components: IC, CPU, MOS, LED, M/B, P/S, Heat Sink, LCD-TV, Notebook PC, PC, Telecom Device, Wireless Hub.....etc
DDR II Module, DVD Applications, Hand-set applications.....etc

熱阻抗VS.壓力VS.變形量示意圖 Thermal Resistance VS. Pressure VS. Deflection

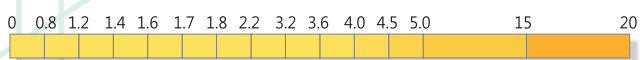


Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	1.25	9
30	1.16	17
50	1.14	22

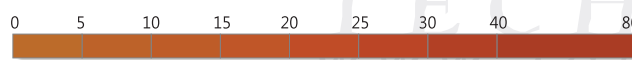
產品物性 Properties

◆ REACH Compliant 符合REACH規範
 ◆ RoHS Compliant 符合RoHS規範
 ◆ UL Compliant 符合UL規範

Thermal Conductivity 導熱係數: 1.5 W/mK



Hardness 軟硬度: 15 (Shore A)



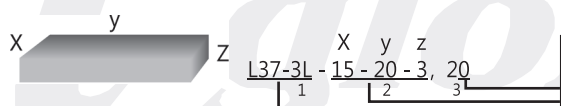
Testing sample thickness: 1.0mm

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 導熱係數	1.5	W / mK	±0.15	ASTM D5470
Thickness 厚度	0.5~10	mm	-	ASTM D374
	0.0197~0.3937	inch	-	ASTM D374
Color 顏色	Yellow黃	-	-	Visual目視
Flame Rating耐燃等級	V-0	-	-	UL 94
Dielectric Breakdown Voltage耐電壓	15	KV	±1.5	ASTM D149
Weight Loss重量損失	<0.2	%	-	ASTM E595
Specific Gravity比重	2.4	g / cm³	±0.24	ASTM D792
Working Temperature工作溫度	-45~+200	°C	-	-
Volume Resistance體積阻抗	>10 ¹¹	Ohm-m	-	ASTM D257
Elongation延展率	20	%	-	ASTM D412
Standard Shape標準形狀	Sheet ones單片狀	-	-	-
Hardness硬度	15	Shore A	±5	ASTM D2240

Need samples? 樣品需求?

Pre-cut for different shapes 可依需求沖型裁切



1. Choose the P/N
2. Fill into size: x,y,z
3. Fill the quantity you need