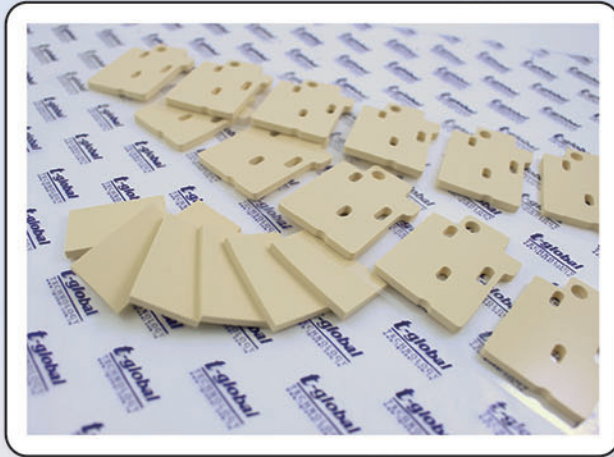


L37-3L 導熱矽膠 Thermal Pad



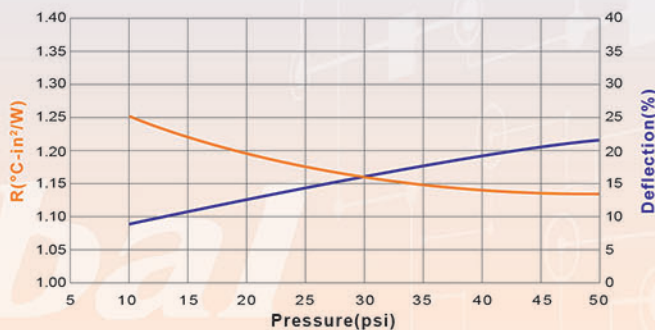
產品特性 Features

Very good thermal conductivity 良好的導熱性
High insulation strength 高絕緣強度
Low contact thermal impedance 低接觸熱阻
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,
Mother Board, Power Supply, Heat Sink, LCD-TV,
Notebook, PC, Telecom Device, Wireless Hub,
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

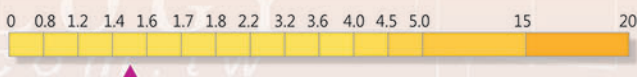


Pressure(psi)	R(°C-in ² /W)	Deflection(%)
10	1.25	9
30	1.16	17
50	1.14	22

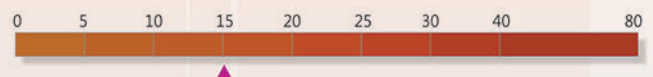
產品物性 Properties

● 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)

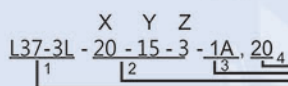
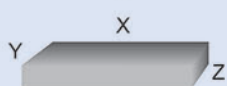


Testing sample thickness: 1.0mm

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 / mm	±1.5	ASTM D149
Weight Loss重量損失	<0.2	%	-	ASTM E595
Density 密度	2.4	g / cm ³	±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? Available to apply adhesive 可依需求背膠 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. Apply the adhesive or not? 0=none, 1A= one side, 2A= two sides
4. Fill the quantity you need