

Li2000A 導熱膠帶 Thermal Tape



產品特性 Features

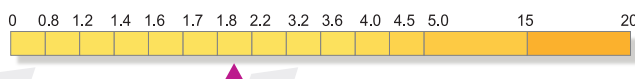
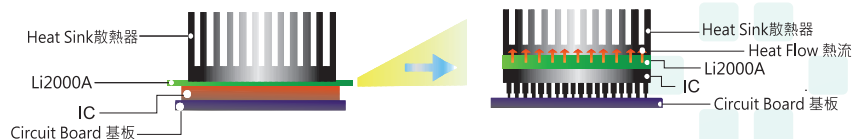
Silicone PSA 以矽膠為基底
Long time use temperature of 170°C 長時間耐溫高達170°C
High thermal conductivity due to no base material
無基材使導熱效能高達2 W / mK
UL compliant 通過UL認證
Electrical insulation 高電氣絕緣

產品應用端 Applications

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

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: 2 W/mK (W/mK, Z axis)

Properties	Li2000A	Unit	Tolerance	Test Method
Thermal Conductivity 導熱係數	2	W / mK	±0.2	ASTM D5470
Thickness 厚度	0.2	mm	-	ASTM D374
Color 顏色	White白	-	-	Visual目視
Reinforcement Carrier補強材	-	-	-	-
Continuous Working Temperature工作溫度	-45~170	°C	-	-
Short time Use Temperature (30sec)短期耐溫	260	°C	-	-
Density密度	2.3	g / cm ³	-	ASTM D792
Initial tack初期黏性	>30	cm	-	PSTC-6
Lap Shear Strength剪切強度	35	N / cm ²	-	ASTM D1002
Die Shear Strength @25°C晶片抗切強度	60	N / cm ²	-	-
Die Shear Strength @80°C晶片抗切強度	50	N / cm ²	-	-
Die Shear Strength @150°C晶片抗切強度	40	N / cm ²	-	-
Holding Power 1000g@25°C using 1 in ² 保持力	>40000	min	-	PSTC-7
Holding Power 1000g@80°C using 1 in ² 保持力	>40000	min	-	PSTC-7
Holding Power 1000g@150°C using 1in ² 保持力	>10000	min	-	PSTC-7
Dielectric Breakdown Voltage (Vac)耐電壓	3.5	KV	±0.35	ASTM D149
Dielectric Breakdown Voltage (Vdc)耐電壓	4.5	KV	±0.45	ASTM D149
Volume Resistance體積阻抗	>10 ¹¹	Ohm-cm	-	ASTM D257
Thermal Impedance@ 10psi熱阻抗	0.71	°C-in ² / W	-	ASTM D5470
Thermal Impedance@ 30psi熱阻抗	0.55	°C-in ² / W	-	ASTM D5470
Thermal Impedance@ 50psi熱阻抗	0.51	°C-in ² / W	-	ASTM D5470
Flame rating耐燃等級	V-0	-	-	UL 94

Need samples? 樣品需求?

Pre-cut for different shapes 可依需求沖型裁切

