

導熱膠帶 6582

Thermal Tape



產品特性 Features

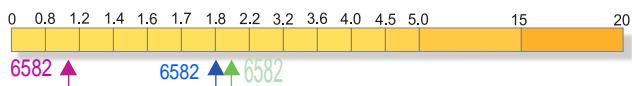
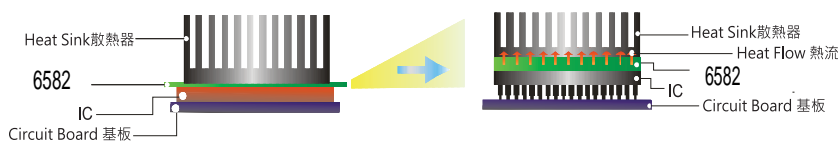
Good adhesion 良好的粘著性 (Acrylic PSA)
 Very good thermal conductivity 良好的導熱性
 Soft and compressibility 柔軟及可壓縮性
 Easy to assemble 容易施工

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.

產品物性 Properties

- REACH Compliant 符合REACH 規範
- RoHS Compliant 符合RoHS規範

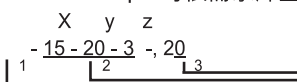


Thermal Conductivity 熱傳導率: 0.95 W/m.k (W / m.k、Z axis)
 Thermal Conductivity 熱傳導率: 1.8 W/m.k (W / m.k、Z axis)
 Thermal Conductivity 熱傳導率: 2 W/m.k (W / m.k、Z axis)

Physical Property	6582	6582	6582	Unit	Test Method
Thickness 厚度	0.15	0.25	0.15 / 0.25	0.18	ASTM D374
Color 顏色	White	White	White	White	Visual
Reinforcement Carrier 補強材	fiberglass mesh			-	
Density 密度	1.85	1.85	1.9	1.8	g/cm ³ ASTM D792
Tensile Strength 抗拉張強度	200	400	200	50	psi ASTM D412
Glass Transition Temperature 玻璃轉化溫度	-30	-30	-27	-30	°C
Short time Use Temperature(30 sec) 短期耐溫	200	200	200	200	°C
Continuous Working Temperature 工作溫度	-30 to 120	-30 to 120	-30 to 120	-30 to 120	°C
Thermal Conductivity 導熱係數	0.95	0.95	1.8	2	W/mK ASTM D5470
Thermal Impedance @ <1psi 熱阻抗	1.0	1.8	0.7	0.6	°C in ² /W ASTM D5470
Thermal Impedance @ 50psi 熱阻抗	0.9	1.5	0.5	0.3	°C in ² /W ASTM D5470
Initial Tack 初期黏性	11	10	14	15	cm PSTC-6
Lap Shear Strength 剪切強度	61	61	65	55	N/cm ² ASTM D1002
Die Shear Strength@25°C 晶片抗切強度	120	120	118	100	N/cm ² -
Die Shear Strength@80°C 晶片抗切強度	69	69	68	55	N/cm ² -
Holding Power 1000g@25°C using 1 in ² 保持力	>10000	>10000	>10000	>10000	min PSTC-7
Holding Power 1000g@80°C using 1 in ² 保持力	>10000	>10000	>10000	>10000	min PSTC-7
180° Peeling Strength (aluminum) 剝離強度	4	5	4	3	N/cm ASTM D3330
Dielectric Breakdown Voltage (Vac) 耐電壓	>2	>3	>3	>5	kV ASTM D149
Dielectric Breakdown Voltage (Vdc) 耐電壓	>3	>4	>4	>6	kV ASTM D149

Need samples? 樣品需求?

Pre-cut different shape 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