

Li98 導熱膠帶 Thermal Tape



產品特性 Features

Good adhesion 良好的黏著性 (Acrylic PSA)
Great reliability 高可靠度
Cost effective with great performance C/P值高
Easy to assemble 加工容易
Customization services for different industries 依需求客製化

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.

產品物性 Properties

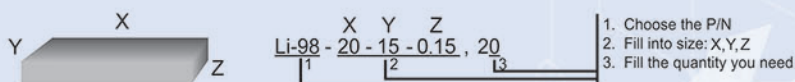
● REACH Compliant 符合REACH規範 ● RoHS Compliant 符合RoHS規範



Li98 Thermal Conductivity 導熱係數: 0.95 W/m.K
Li98T Thermal Conductivity 導熱係數: 1.2 W/m.K
Li98C Thermal Conductivity 導熱係數: 1.8 W/m.K
Li98CN Thermal Conductivity 導熱係數: 2 W/m.K

Properties	Li 98	Li 98T	Li 98C	Li 98CN	Unit	Tolerance	Test Method		
Thermal Conductivity 導熱係數	0.95	0.95	1.2	1.8	1.8	2	W / mK ±10%	ASTM D5470	
Thickness 厚度	0.15	0.25	0.11	0.15	0.25	0.18	mm	-	ASTM D374
Color 顏色	White 白						-	-	Visual 目視
reinforcement Carrier 補強材	Fiberglass mesh	PET	Fiberglass mesh				-	-	-
Continuous Working Temperature 工作溫度	-30~120	-30~120	-60~120	-30~120	-30~120	-30~120	°C	-	-
Short time use temperature (30sec) 短期耐溫	200	200	200	200	200	200	°C	-	-
Density 密度	1.85	1.85	1.6	1.8	1.8	1.8	g / cm ³	-	ASTM D792
Tensile strength 抗拉強度	200	400	400	200	400	-	psi	-	ASTM D412
Glass Transition temperature 玻璃轉化溫度	-30	-30	-	-27	-27	-30	°C	-	-
Initial Tack 初期黏性	10	8	10	14	12	15	cm	-	PSTC-6
Lap Shear Strength 剪切強度	61	61	60	55	50	55	N / cm ²	-	ASTM D1002
Die Shear Strength@25°C 晶片抗切強度	120	120	105	109	100	100	N / cm ²	-	-
Die Shear Strength@80°C 晶片抗切強度	69	69	60	68	68	55	N / cm ²	-	-
Holding Power 1000g@25°C using 1 in ² 保持力	>10000	>10000	>10000	>10000	>10000	>10000	min	-	PSTC-7
Holding Power 1000g@80°C using 1 in ² 保持力	>10000	>10000	>10000	>10000	>10000	>10000	min	-	PSTC-7
90° Peeling Strength (aluminum) 剝離強度	>10	>12	>12	>6	>8	>8	N / in	-	ASTM D3330
Dielectric Breakdown Voltage (Vac) 耐電壓	2	3	4	2	3	5	KV	±10%	ASTM D149
Dielectric Breakdown Voltage (Vdc) 耐電壓	3	4	5	3	4	6	KV	±10%	ASTM D149
Thermal Impedance@10psi 熱阻抗	0.96	1.3	0.65	0.66	0.92	0.75	°C-in ² / W	-	ASTM D5470
Thermal Impedance@30psi 熱阻抗	0.78	1.08	0.62	0.62	0.88	0.7	°C-in ² / W	-	ASTM D5470
Thermal Impedance@50psi 熱阻抗	0.63	1.095	0.61	0.55	0.9	0.68	°C-in ² / W	-	ASTM D5470

Need samples? 樣品需求? Pre-cut for different shapes 可依需求沖型裁切 Roll type is available 可製成捲料



T-global recommends a 6-months shelf life at maximum continuous storage temperature of 25 °C for maintenance of controlled adhesion to the liner.

建議保存於25°C以下之環境，並於6個月內使用完畢，以保持膠帶及離型紙具適當的黏合度