

PH3導熱複合材 Heat Spreader



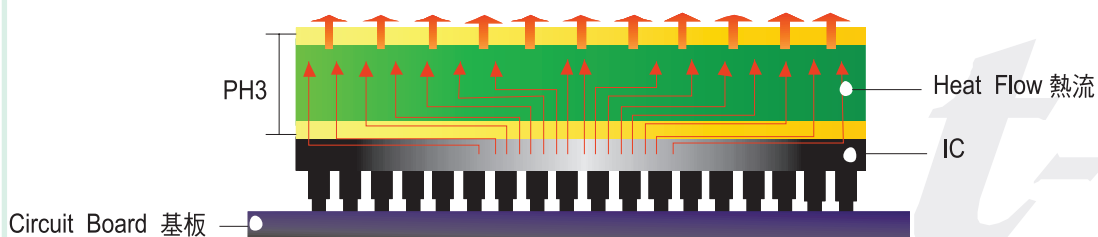
產品特性 Features

Excellent thermal radiation 優良熱輻射
No graphite 無使用石墨
Flexible & thin 高柔軟度及超薄厚度
Good adhesion 良好黏性

產品應用端 Applications

Set top box, NB, Projector,
Mobile Phone, Hand held devices

產品物性 Properties



Properties	PH3			Unit	Tolerance	Test Method
Thickness 厚度	0.06	0.11	0.21	mm	±10%	ASTM D374
Color 顏色	Black 黑			-	-	Visual 目視
Reinforcement Carrier 補強材	Cu Foil			-	-	ASTM D374
Filler 填充物	High Thermal Radiation Nano-carbon Tube			-	-	-
Metal Layer Thermal Conductivity 金屬層導熱係數	400	400	400	W / mK	-	ASTM D5470
Coating Layer Thermal Conductivity 塗布層導熱係數	1.2	1.2	1.2	W / mK	-	ASTM D5470
Surface Resistance 體積阻抗	10 ¹²	10 ¹²	10 ¹²	Ωcm	-	-
Continuous Working Temperature 工作溫度	-30~120	-30~120	-30~120	°C	-	-
Initial Tack 初期黏性	18	15	11	cm	-	PSTC-6
30° Peeling Strength (aluminum) 剝離強度	8	10	12	N / in	-	ASTM D3330
Breakdown Voltage(AC) 擊穿電壓	2	2	3	KV	-	ASTM D149
Breakdown Voltage(DC) 擊穿電壓	3	3	4	KV	-	ASTM D149
Flame Rating 耐燃等級	V-2	V-2	V-2	-	-	UL94

Need samples? 樣品需求?

