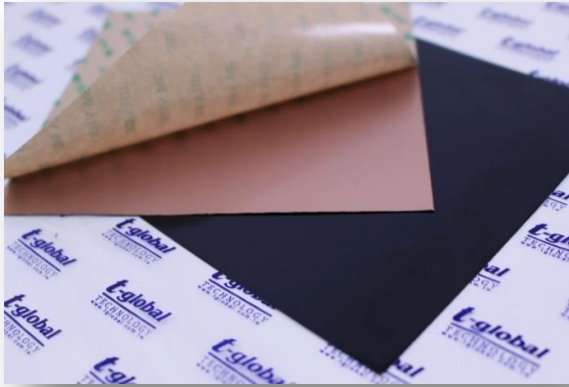


PH3 Series Heat Spreader



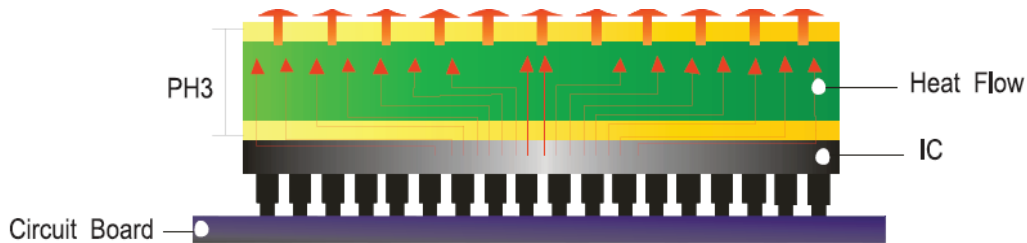
Features

- Excellent thermal radiation
- Thin & bendable
- Available for unventilated design
- No dusting issue

Applications

Mobile phone, Laptops, Set-top box, LED back light, PDP/LCD/OLED screens, Ultra bright LED, Digital camera, Digital video camera, NIC, Projector, Handheld device etc.

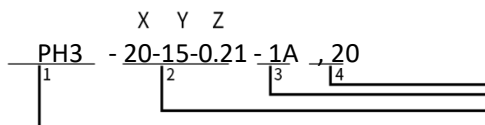
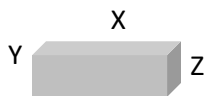
Properties



Properties	PH3			Unit	Tolerance	Test Method
Metal Layer Thermal Conductivity	400	400	400	W / mK	-	ASTM D5470
Coating Layer Thermal Conductivity	1.2	1.2	1.2	W / mK	-	ASTM D5470
Total Thickness	0.06	0.11	0.21	mm	±10%	ASTM D374
Metal Layer Thickness	0.012	0.05	0.1	mm	±10%	ASTM D374
Coating Layer Thickness	0.048	0.06	0.11	mm	±10%	ASTM D374
Color	Black			-	-	Visual
Metal Layer	Cu Foil			-	-	-
Coating Layer	High Thermal Radiation Nano-carbon Tube			-	-	-
Surface Resistance	10 ¹²	10 ¹²	10 ¹²	Ohm-m	-	-
Continuous Working Temperature	-30~+120	-30~+120	-30~+120	°C	-	-
Initial Tack	18	15	11	cm	-	PSTC-6
30° Peeling Strength (aluminum)	8	10	12	N / in	-	ASTM D3330
Breakdown Voltage(AC)	2	2	3	KV	-	ASTM D149
Breakdown Voltage(DC)	3	3	4	KV	-	ASTM D149
Flame Rating	V-2	V-2	V-2	-	-	UL 94

Need samples?

Available to apply adhesive



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

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