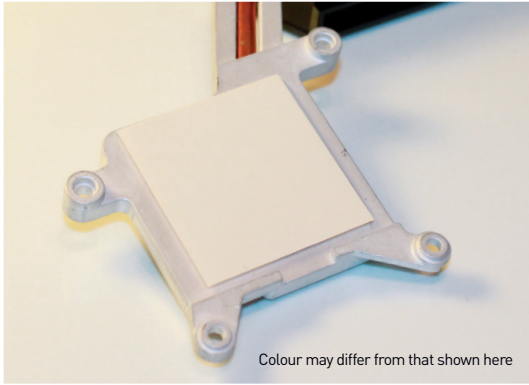


# PC99AL

## Phase Change Material



### Features

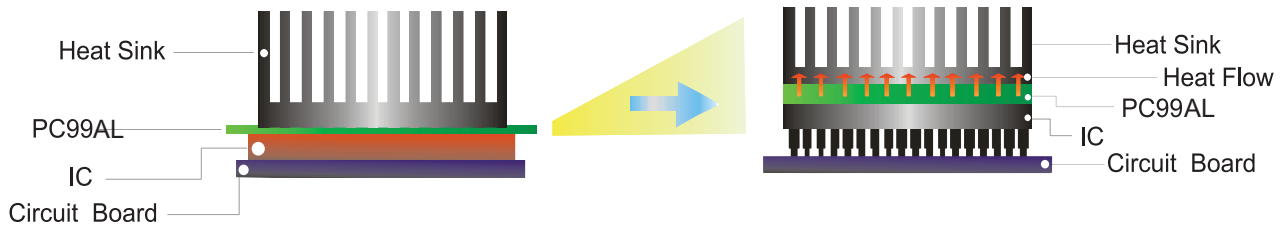
Reusable  
Aluminium backed

### 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...

### Properties

- ◆ REACH Compliant
- ◆ RoHS Compliant



Property	PC99AL	Unit	Test Method
Colour	Grey	-	Visual
Thickness	0.10	mm	ASTM D374
Total Mass Loss	<0.4	%	ASTM E595
Working Temperature	-30 to 125	°C	-
Operating Temperature	20-60	°C	-
Phase change Temperature	51	°C	-
Volume Resistance	>10 <sup>2</sup>	Ohm-cm	ASTM D257
Dielectric Strength	No Insulation	VAC	ASTM D149
Thermal Conductivity	1.5	W/mK	ASTM D5470
Thermal Impedance @ 1mil BLT	0.23	°C in <sup>2</sup> /W	ASTM D5470
Thermal impedance @ 2mil BLT	0.12	°C in <sup>2</sup> /W	ASTM D5470
Thermal impedance @ 3mil BLT	0.10	°C in <sup>2</sup> /W	ASTM D5470
UL Flammability	V-0	-	UL94

Standard Packaging:  
Sheets: ~ (310.mm x 210.mm)

Available with an adhesive backing

