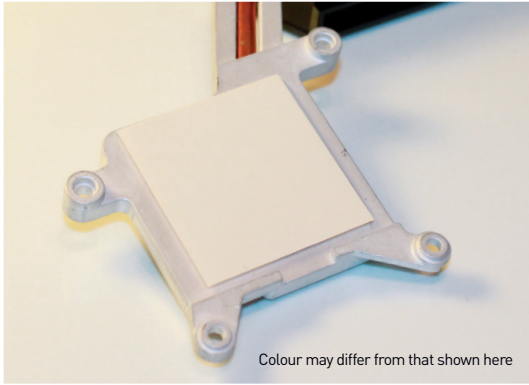


# PC99P

## Phase Change Material



### Features

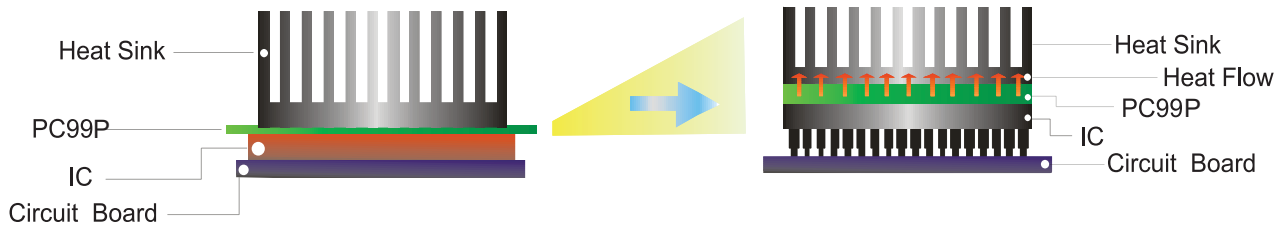
Backed on high dielectric breakdown polyimide

### 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                     | PC99P             | 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        | 20-30             | °C                    | -           |
| Phase change Temperature     | 51                | °C                    | -           |
| Volume Resistance            | >10 <sup>10</sup> | Ohm-cm                | ASTM D257   |
| Dielectric Strength          | 6000              | VAC                   | ASTM D149   |
| Thermal Conductivity         | 1.3               | W/mK                  | ASTM D5470  |
| Thermal Impedance @ 1mil BLT | 0.27              | °C in <sup>2</sup> /W | ASTM D5470  |
| Thermal impedance @ 2mil BLT | 0.15              | °C in <sup>2</sup> /W | ASTM D5470  |
| Thermal impedance @ 3mil BLT | 0.12              | °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

