

Item # Tpcm 680, Tpcm™ 680 Series Phase Change Material



Tpcm™ 680 Series Phase Change Material

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Tpcm™ 680 is a high performance, inherently tacky, easy to rework phase change thermal interface material. Developed specifically to meet the high thermal conductivity and low thermal resistance requirements of Intel® mobile processors. Tpcm™ 680 is optimized for Intel's Penryn Quad-Core mobile processor.

SPECIFICATIONS

Color	Gray
Construction and Composition	Non-reinforced film
Operating Temperature Range	-40 to 110 °C
Phase Change Softening Range	~48 °C
Shelf Life	1 year
Specific Gravity	2.50 g/cc
Thermal Conductivity	4.5 W/m-K
Thickness	0.008 inches 0.010 mm
Thickness Tolerance	+/- 0.001 inches 0.025 mm