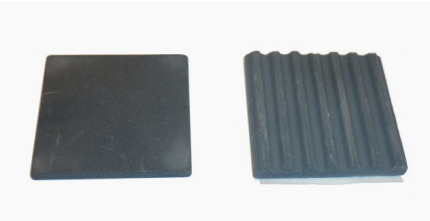
Micro Porous Ceramic Heat Sinks (MPCHS)



- Non electrically conductive, no antennae effect.
- Low Profile, light weight.
- Large surface area compared to Aluminium Heat Sinks.
- With and without thermally conductive Aluminium or Silicone adhesive tape.
- Low cost.

The structure of the Micro Porous Ceramic Heat Sink provides a very large surface area compared to conventional Copper and Aluminium Heat Sinks. Even though the thermal resistance of the Ceramic is much higher than Aluminium because of the micro porous structure it provides excellent heat dissipation and heat convection. It also provides low thermal capacity in unit volume compared to Copper and Aluminium Heat Sinks. The MPCHS dissipates heat faster than metal Heat Sinks without storing heat within itself.

Part Number	Dimension (LxWxHmm)	Shape	Thermal Resistance (°C/W)	With/Without Thermal Adhesive Tape
MPC101020T	10x10x2	Flat	10.21	Silicone
MPC151525T	15x15x2	Flat	10.21	Silicone
MPC202025T	20x20x2.5	Flat	10.21	Silicone
MPC222225T	22x22x2.5	Flat	10.21	Silicone
MPC252525T	25x25x2.5	Flat	10.21	Silicone
MPC303025T	30x30x2.5	Flat	10.21	Silicone
MPC404025T	40x40x2.5	Flat	10.21	Silicone
MPC404025AT	40x40x2.5	Flat	10.21	Aluminium
MPC303050WT	30x30x5.0	Wave	10.21	Silicone
MPC303050WAT	30x30x5.0	Wave	10.21	Aluminium
MPC404050WT	40x40x5.0	Wave	10.21	Silicone
MPC404050WAT	40x40x5.0	Wave	10.21	Aluminium

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