

## CERAMIC HEATSINKS

series: MPC



- Non-electrically conductive, no antennae effect.
- Low Profile, light weight.
- Larger surface area compared to aluminium heat sinks.
- Dissipates heat faster than metal heat sinks.
- Can be supplied with or without adhesive tape.
- Typical applications include LED Lighting, power modules, automotive engineering and frequency converters.

Part Number	Length (mm)	Width (mm)	Height (mm)	Shape	Engineering Drawing
MPC101020T	10	10	2.0	Flat	<a href="#">PDF</a>
MPC101030T	10	10	3.0	Flat	<a href="#">PDF</a>
MPC151525T	15	15	2.5	Flat	<a href="#">PDF</a>
MPC202025T	20	20	2.5	Flat	<a href="#">PDF</a>
MPC222225T	22	22	2.5	Flat	<a href="#">PDF</a>
MPC252525T	25	25	2.5	Flat	<a href="#">PDF</a>
MPC303025T	30	30	2.5	Flat	<a href="#">PDF</a>
MPC303050WT	30	30	5.0	Wave	<a href="#">PDF</a>
MPC404025T	40	40	2.5	Flat	<a href="#">PDF</a>
MPC404050WT	40	40	5.0	Wave	<a href="#">PDF</a>

Feature	Unit	Value	Method
Thermal Conductivity	w/mk	5~6	-
Bulk Density	g/cm <sup>3</sup>	1.6~2.0	CNS2893 (1969)
Insulation Resistance	Ω	20*10	ASTMD257
Linear thermal expansion coefficient	10 <sup>-6</sup>	4.13	RT~300°C
Max operating temperature*	°C	<500	-
Flex Strength	Kgf/cm <sup>2</sup>	47.5	CNS2893 (1969)
Mohs hardness	N/mm <sup>2</sup>	5-6	DIN EN101-1992
Porosity	%	30	CNS619
Water Absorption	%	25~30	

\*Without adhesive

[Adhesive Tape Data](#)
**IMPORTANT – PLEASE SEE [PART NUMBER CHANGE NOTIFICATION](#)**