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General Information

Series	MPCH
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Dimensions

L	12mm MAX
W	10mm +/-0.3mm
T	6mm MAX
G	3.5mm +/-0.5mm

Packaging Specifications

Typical Component Weight	3.7 g
Packaging	T&R, 380mm
Packaging Quantity	500

Specifications

Inductance	0.45 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	32 A (Irms, 40C Rise By Self Heating)
Saturation Current	32 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
DC Resistance	0.76 mOhms
DC Resistance	0.76 mOhms

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