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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

Chip Size	1060(4739)
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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