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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	1055(4639)
L	11.7mm MAX
W	10mm +/-0.3mm
T	5.5mm MAX
G	3mm +/-0.5mm

Packaging Specifications

Typical Component Weight	3.4 g
Packaging	T&R, 380mm
Packaging Quantity	500

Specifications

Inductance	1.3 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	1,300 nH
Rated Current	18.5 A (Irms, 40C Rise By Self Heating)
Saturation Current	17 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	17 A (Isat, 20% Drop In Inductance), 18.5 A (Irms, 40C Rise By Self Heating)
DC Resistance	2.3 mOhms
DC Resistance	2.3 mOhms

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