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General Information

Series	MPLCH
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Low Profile Power Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Dimensions

Chip Size	2220
L	5.5mm MAX
W	5mm +/-0.2mm
T	1.5mm MAX
G	2.5mm +/-0.2mm

Packaging Specifications

Packaging	T&R, 380mm
Packaging Quantity	5000

Specifications

Inductance	1 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	5.4 A (Irms, 40C Rise By Self Heating)
Saturation Current	7.3 A (Isat, 30% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	7.3 A (Isat, 30% Drop In Inductance), 5.4 A (Irms, 40C Rise By Self Heating)
DC Resistance	30 mOhms
DC Resistance	30 mOhms

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