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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	0740(2716)
L	8mm MAX
W	6.7mm +/-0.3mm
T	4mm MAX
G	2mm +/-0.3mm

Packaging Specifications

Typical Component Weight	1g
Packaging	T&R, 330mm
Packaging Quantity	1000

Specifications

Inductance	0.15 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	150 nH
Rated Current	29 A (Irms, 40C Rise By Self Heating)
Saturation Current	31 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	31 A (Isat, 20% Drop In Inductance), 29 A (Irms, 40C Rise By Self Heating)
DC Resistance	0.93 mOhms
DC Resistance	0.93 mOhms

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