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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	0730(2711)
L	8mm MAX
W	6.7mm +/-0.3mm
T	3mm MAX
G	2mm +/-0.3mm

Packaging Specifications

Typical Component Weight	800 mg
Packaging	T&R, 330mm
Packaging Quantity	1000

Specifications

Inductance	0.12 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	31 A (I _{rms} , 40C Rise By Self Heating)
Saturation Current	32 A (I _{sat} , 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
DC Resistance	0.65 mOhms
DC Resistance	0.65 mOhms

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