


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.

[Click here](#) for the 3D model.

Dimensions

L	8mm MAX
W	6.7mm +/-0.3mm
T	4mm MAX
G	2mm +/-0.3mm

Specifications

Inductance	0.24 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	27 A (Irms, 40C Rise By Self Heating)
Saturation Current	20 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
DC Resistance	0.96 mOhms
DC Resistance	0.96 mOhms

Packaging Specifications

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

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