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**General Information**

Series	MPCH
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

**Dimensions**

Chip Size	1040(4340)
L	11.5mm MAX
W	10mm +/-0.3mm
T	4mm MAX
G	3mm +/-0.5mm

**Packaging Specifications**

Typical Component Weight	2.3 g
Packaging	T&R, 330mm
Packaging Quantity	1000

**Specifications**

Inductance	0.68 uH (0.1MHz)
Inductance Tolerance	20%
Inductance	680 nH
Rated Current	22 A (Irms, 40C Rise By Self Heating)
Saturation Current	24 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	24 A (Isat, 20% Drop In Inductance), 22 A (Irms, 40C Rise By Self Heating)
DC Resistance	2.3 mOhms
DC Resistance	2.3 mOhms

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