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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**

L	14.3mm MAX
W	12.5mm +/-0.3mm
T	5mm MAX
G	2.5mm NOM

**Packaging Specifications**

Typical Component Weight	4.3 g
Packaging	T&R, 380mm
Packaging Quantity	500

**Specifications**

Inductance	1.5 uH (0.1MHz)
Inductance Tolerance	20%
Rated Current	21 A (I <sub>rms</sub> , 40C Rise By Self Heating)
Saturation Current	21 A (I <sub>sat</sub> , 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
DC Resistance	2.2 mOhms
DC Resistance	2.2 mOhms

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