


**General Information**

Series	MPC
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	High Speed, Large Current DC/DC Converter
RoHS	Yes

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

**Dimensions**

L	11.7mm MAX
W	10mm +/-0.3mm
T	5.5mm MAX
G	3mm +/-0.5mm

**Specifications**

Inductance	1 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	18.5 Amps (Irms, 40C Rise By Self Heating)
Saturation Current	21 Amps (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
DC Resistance	2.3 mOhms
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**Packaging Specifications**

Packaging	T&R, 380mm
Packaging Quantity	500

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