


General Information

Series	MPLC
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes

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

L	7.7mm MAX
W	6.7mm +/-0.2mm
T	3mm MAX
G	3.2mm +/-0.1mm

Specifications

Inductance	4.7 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	5 Amps (Irms, 40C Rise By Self Heating)
Saturation Current	5.6 Amps (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
DC Resistance	41 mOhms
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Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

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