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General Information

Series	MPLCG
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	7.5mm MAX
W	6.7mm +/-0.2mm
T	3mm MAX
G	3.2mm +/-0.2mm

Packaging Specifications

Typical Component Weight	650 mg
Packaging	T&R, 380mm
Packaging Quantity	2000

Specifications

Inductance	0.47 uH (0.1MHz)
Inductance Tolerance	20%
Rated Current	15.8 A (Irms, 40C Rise By Self Heating)
Saturation Current	15.6 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
DC Resistance	5 mOhms
DC Resistance	5 mOhms

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