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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

Chip Size	0630(2826)
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 (I _{rms} , 40C Rise By Self Heating)
Saturation Current	15.6 A (I _{sat} , 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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