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General Information

Series	MPLCG
Style	SMD Molded
Core	Metal Composite
Description	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

Packaging	T&R, 380mm
Packaging Quantity	2000

Specifications

Inductance	8.2 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	8,200 nH
Rated Current	3.7 A (Irms, 40C Rise By Self Heating)
Saturation Current	5.1 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	5.1 A (Isat, 20% Drop In Inductance), 3.7 A (Irms, 40C Rise By Self Heating)
DC Resistance	86.4 mOhms
DC Resistance	86.4 mOhms

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