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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	
Packaging	T&R, 380mm
Packaging Quantity	2000

Specifications	
Inductance	0.22 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	21.4 A (Irms, 40C Rise By Self Heating)
Saturation Current	17.9 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	17.9 A (Isat, 20% Drop In Inductance), 21.4 A (Irms, 40C Rise By Self Heating)
DC Resistance	2.7 mOhms
DC Resistance	2.7 mOhms

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