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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.

Specifications	
Inductance	1000 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	true
Current	11.3 A (Isat, 20% Drop In Inductance), 11.9 A (Irms, 40C Rise By Self Heating)
DC Resistance	9 mOhms

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

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