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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	2.2 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	2,200 nH
Rated Current	8.2 A (Irms, 40C Rise By Self Heating)
Saturation Current	7.8 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	7.8 A (Isat, 20% Drop In Inductance), 8.2 A (Irms, 40C Rise By Self Heating)
DC Resistance	19 mOhms
DC Resistance	19 mOhms

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