



Click [here](#) for the 3D model.

### Dimensions

L	7.5mm MAX
W	6.7mm +/-0.2mm
T	3mm MAX
LL	1.4mm NOM
G	3.2mm +/-0.2mm

### Packaging Specifications

Packaging	T&R, 380mm
Packaging Quantity	2000

### General Information

Series	MPLCG
Style	SMD
Chip Size	0630(2826)
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

### Specifications

Inductance	4.7 uH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	5.4 A (Isat, 20% Drop In Inductance), 5.5 A (Irms, 40C Rise By Self Heating)
DC Resistance	41 mOhms