



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

### Dimensions

Chip Size	3126
L	7.8mm MAX
W	6.7mm +/-0.2mm
T	4mm MAX
G	3.2mm +/-0.1mm

### Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

### General Information

Series	MPLCH
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	4700 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Shielded	true
Current	6.5 A (Isat, 30% Drop In Inductance), 5.8 A (Irms, 40C Rise By Self Heating)
DC Resistance	33 mOhms