



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

Dimensions

L	5.5mm MAX
W	5mm +/-0.2mm
T	1.5mm MAX
S1	1.1mm NOM
LL	1.1mm NOM
G	2.5mm +/-0.2mm

Packaging Specifications

Packaging	T&R, 380mm
Packaging Quantity	5000

General Information

Series	MPLCH
Style	SMD
Chip Size	2220
Description	Surface Mount Inductor
Features	Low Profile Power Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	0.47 uH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	9.4 A (Isat, 30% Drop In Inductance), 7.5 A (Irms, 40C Rise By Self Heating)
DC Resistance	15.4 mOhms