



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

Dimensions

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

Specifications

Inductance	470 nH
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