



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

Dimensions

L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
T	3mm MAX
LL	1mm NOM
G	2.5mm +/-0.2mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	2500

General Information

Series	MPX
Style	SMD
Chip Size	0530(2120)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	1 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	10.7 A (I _{rms} , 40C Rise By Self Heating), 7.5 A (I _{sat} , 20% Drop In Inductance), 10.5 A (I _{sat} , 30% Drop In Inductance)
DC Resistance	11.5 mOhms
Self-Resonant Frequency	52 MHz