



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

Dimensions

L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
T	2mm MAX
LL	1mm NOM
G	2.5mm +/-0.2mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	3500

General Information

Series	MPX
Style	SMD
Chip Size	0520(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	7.6 A (I _{rms} , 40C Rise By Self Heating), 7 A (I _{sat} , 20% Drop In Inductance), 9 A (I _{sat} , 30% Drop In Inductance)
DC Resistance	18.9 mOhms
Self-Resonant Frequency	62 MHz