



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

### Dimensions

Chip Size	0520(2120)
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
T	2mm MAX
G	2.5mm +/-0.2mm

### Packaging Specifications

Typical Component Weight	230 mg
Packaging	T&R, 330mm
Packaging Quantity	3500

### General Information

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

### Specifications

Inductance	470 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	12 A (Irms, 40C Rise By Self Heating), 9 A (Isat, 20% Drop In Inductance), 14 A (Isat, 30% Drop In Inductance)
DC Resistance	7.8 mOhms
Self-Resonant Frequency	87 MHz