



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

### Dimensions

Chip Size	2213(9088)
L	22mm +/-0.5mm
W	22mm +/-0.5mm
T	13mm MAX
G	18.5mm NOM

### Packaging Specifications

Typical Component Weight	37 g
Packaging	T&R, 330mm
Packaging Quantity	50

### 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	47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	true
Current	15.5 A (I <sub>rms</sub> , 40C Rise By Self Heating), 13.5 A (I <sub>sat</sub> , 20% Drop In Inductance), 19 A (I <sub>sat</sub> , 30% Drop In Inductance)
DC Resistance	20.5 mOhms
Self-Resonant Frequency	2.5 MHz