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### 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.

### Dimensions

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

### Specifications

Inductance	1.5 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	68 A (I <sub>rms</sub> , 40C Rise By Self Heating)
Saturation Current	42 A (I <sub>sat</sub> , 20% Drop In Inductance), 60 A (I <sub>sat</sub> , 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	1.2 mOhms
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Self-Resonant Frequency	17 MHz

### Packaging Specifications

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

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