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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	1740(6868)
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
T	4mm MAX
G	11.9mm NOM

#### Packaging Specifications

Typical Component Weight	6.3 g
Packaging	T&R, 330mm
Packaging Quantity	100

#### Specifications

Inductance	4.7 uH (0.1MHz)
Inductance Tolerance	20%
Inductance	4700 nH
Temperature Range	-55/+155°C
Shielded	true
Current	14.5 A (Irms, 40C Rise By Self Heating), 13 A (Isat, 20% Drop In Inductance), 18.5 A (Isat, 30% Drop In Inductance)
DC Resistance	10.4 mOhms
DC Resistance	10.4 mOhms
Self-Resonant Frequency	12 MHz

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