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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	1.5 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	1,500 nH
Rated Current	23.5 A (I _{rms} , 40C Rise By Self Heating)
Saturation Current	19.5 A (I _{sat} , 20% Drop In Inductance), 28 A (I _{sat} , 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
Current	23.5 A (I _{rms} , 40C Rise By Self Heating), 19.5 A (I _{sat} , 20% Drop In Inductance), 28 A (I _{sat} , 30% Drop In Inductance)
DC Resistance	3.8 mOhms
DC Resistance	3.8 mOhms
Self-Resonant Frequency	24 MHz

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