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Dimensions	
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	3mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	620 mg
Packaging	T&R, 330mm
Packaging Quantity	1500

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	10 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	4.2 A (I _{rms} , 40C Rise By Self Heating)
Saturation Current	3.5 A (I _{sat} , 20% Drop In Inductance), 4.5 A (I _{sat} , 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	78 mOhms
DC Resistance	78 mOhms
Self-Resonant Frequency	15 MHz

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