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Dimensions	
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	5mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	1.05 g
Packaging	T&R, 330mm
Packaging Quantity	1000

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	1 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	15.6 A (Irms, 40C Rise By Self Heating)
Saturation Current	9 A (Isat, 20% Drop In Inductance), 13 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	6 mOhms
DC Resistance	6 mOhms
Self-Resonant Frequency	42 MHz

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