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Dimensions

Chip Size	0830(3431)
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
T	3mm MAX
G	5.1mm +/-0.3mm

Packaging Specifications

Typical Component Weight	1.07 g
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	3.3 uH (0.1MHz)
Inductance Tolerance	20%
Rated Current	8.9 A (Irms, 40C Rise By Self Heating)
Saturation Current	9 A (Isat, 20% Drop In Inductance), 12.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
Current	8.9 A (Irms, 40C Rise By Self Heating), 9 A (Isat, 20% Drop In Inductance), 12.5 A (Isat, 30% Drop In Inductance)
DC Resistance	22.3 mOhms
DC Resistance	22.3 mOhms
Self-Resonant Frequency	24 MHz

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