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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	1250(5350)
L	13.2mm \pm 0.4mm
W	12.5mm \pm 0.2mm
T	5mm MAX
G	4.7mm \pm 0.3mm

Packaging Specifications

Typical Component Weight	4.2 g
Packaging	T&R, 330mm
Packaging Quantity	250

Specifications

Inductance	6.8 μ H (0.1 MHz)
Inductance Tolerance	20%
Rated Current	11.6 A (Irms, 40C Rise By Self Heating)
Saturation Current	10 A (Isat, 20% Drop In Inductance), 14 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	15.5 mOhms
DC Resistance	15.5 mOhms
Self-Resonant Frequency	10 MHz

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