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Dimensions

Chip Size	1770(6868)
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
T	7mm MAX
G	11.9mm NOM

Packaging Specifications

Typical Component Weight	11 g
Packaging	T&R, 330mm
Packaging Quantity	100

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	33 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	7.5 A (Irms, 40C Rise By Self Heating)
Saturation Current	8.5 A (Isat, 20% Drop In Inductance), 12 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	47.3 mOhms
DC Resistance	47.3 mOhms
Self-Resonant Frequency	3.5 MHz

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