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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	1235(5350)
L	13.2mm $\pm 0.4$ mm
W	12.5mm $\pm 0.2$ mm
T	3.5mm MAX
G	4.7mm $\pm 0.3$ mm

## Packaging Specifications

Typical Component Weight	2.9 g
Packaging	T&R, 330mm
Packaging Quantity	500

## Specifications

Inductance	0.33 $\mu$ H (0.1 MHz)
Inductance Tolerance	20%
Rated Current	33.4 A (Irms, 40C Rise By Self Heating)
Saturation Current	40 A (Isat, 20% Drop In Inductance), 55 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	1.8 mOhms
DC Resistance	1.8 mOhms
Self-Resonant Frequency	63 MHz

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