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General Information

Series	MPLC
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes

Dimensions

Chip Size	3026
L	7.7mm MAX
W	6.7mm +/-0.2mm
T	3mm MAX
G	3.2mm +/-0.1mm

Specifications

Inductance	1.5 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	1,500 nH
Rated Current	8.6 Amps (Irms, 40C Rise By Self Heating)
Saturation Current	8.8 Amps (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
Current	8.8 Amps (Isat, 20% Drop In Inductance), 8.6 Amps (Irms, 40C Rise By Self Heating)
DC Resistance	15 mOhms
DC Resistance	15 mOhms

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

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