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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	4539
L	11.5mm MAX
W	10mm +/-0.2mm
T	4mm MAX
G	4mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	500

Specifications	
Inductance	1.5 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	12.4 Amps (I _{rms} , 40C Rise By Self Heating)
Saturation Current	12.7 Amps (I _{sat} , 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
Current	12.7 Amps (I _{sat} , 20% Drop In Inductance), 12.4 Amps (I _{rms} , 40C Rise By Self Heating)
DC Resistance	7 mOhms
DC Resistance	7 mOhms

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