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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

Specifications

Inductance	4.7 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	8 Amps (Irms, 40C Rise By Self Heating)
Saturation Current	8 Amps (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
DC Resistance	19 mOhms
DC Resistance	19 mOhms

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	500

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