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General Information

Series	MPLCH
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Dimensions

Chip Size	3126
L	7.8mm MAX
W	6.7mm +/-0.2mm
T	4mm MAX
G	3.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

Specifications

Inductance	4.7 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	5.8 A (Irms, 40C Rise By Self Heating)
Saturation Current	6.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
DC Resistance	33 mOhms
DC Resistance	33 mOhms

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