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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

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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