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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	3.3 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	3300 nH
Rated Current	7.8 A (Irms, 40C Rise By Self Heating)
Saturation Current	7 A (Isat, 30% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	true
Current	7 A (Isat, 30% Drop In Inductance), 7.8 A (Irms, 40C Rise By Self Heating)
DC Resistance	19 mOhms
DC Resistance	19 mOhms

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