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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	1.5 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	1500 nH
Temperature Range	-40/+125°C
Shielded	true
Current	10.8 A (Isat, 30% Drop In Inductance), 11.1 A (Irms, 40C Rise By Self Heating)
DC Resistance	9 mOhms
DC Resistance	9 mOhms

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