


General Information

Series	MPCV
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
Miscellaneous	40 (K) Temperature Rise Max.

[Click here for the 3D model.](#)
Dimensions

L	14.5mm MAX
W	12.5mm +/-0.3mm
T	6mm MAX
G	3mm +/-0.5mm

Specifications

Inductance	1.5 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	28 A (Irms, 40C Rise By Self Heating)
Saturation Current	35 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	2.35 mOhms
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Packaging Specifications

Typical Component Weight	5.5 g
Packaging	T&R, 330mm
Packaging Quantity	300

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