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Dimensions	
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	3mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	620 mg
Packaging	T&R, 330mm
Packaging Quantity	1500

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

Specifications	
Inductance	0.47 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	18.7 A (I _{rms} , 40C Rise By Self Heating)
Saturation Current	15 A (I _{sat} , 20% Drop In Inductance), 21 A (I _{sat} , 30% Drop In Inductance)
Temperature Range	-55/+180°C
Shielded	Yes
DC Resistance	4 mOhms
DC Resistance	4 mOhms
Self-Resonant Frequency	70 MHz

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