



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

Dimensions	
Chip Size	2826
AEC-Q200	Yes
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
AEC-Q200	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Specifications	
Inductance	1500 nH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	Yes
Current	10.5 A (Irms, 40C Rise By Self Heating), 7 A (Isat, 20% Drop In Inductance), 11 A (Isat, 30% Drop In Inductance)
DC Resistance	12.7 mOhms
Self-Resonant Frequency	38 MHz