



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

### Dimensions

L	13.2mm +/-0.4mm
W	12.5mm +/-0.2mm
T	3.5mm MAX
LL	2.2mm NOM
G	3mm +/-0.3mm

### Packaging Specifications

Typical Component Weight	2.9 g
Packaging	T&R, 330mm
Packaging Quantity	500

### General Information

Series	MPXV
Style	SMD
Chip Size	1235(5350)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

### Specifications

Inductance	1.5 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	17.9 A (Irms, 40C Rise By Self Heating), 19 A (Isat, 20% Drop In Inductance), 28 A (Isat, 30% Drop In Inductance)
DC Resistance	6 mOhms
Self-Resonant Frequency	29 MHz