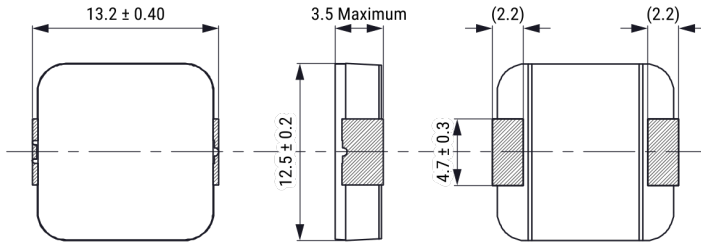


## MPXV1D1235LR15

Aliases (UPI2X11235VR15)

KEMET, MPXV, Metal Composite, 20%, 150 nH, 1235(5350)



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

### Dimensions

Chip Size	1235(5350)
AEC-Q200	Yes
L	13.2mm +/-0.4mm
W	12.5mm +/-0.2mm
T	3.5mm MAX
G	4.7mm +/-0.3mm

### Packaging Specifications

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

### General Information

Series	MPXV
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	150 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	39.9 A (Irms, 40C Rise By Self Heating), 54 A (Isat, 20% Drop In Inductance), 85 A (Isat, 30% Drop In Inductance)
DC Resistance	1.3 mOhms
Self-Resonant Frequency	128 MHz

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