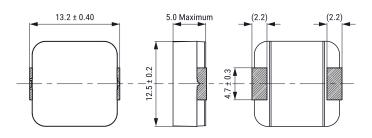


## MPXV1D1250LR47 Aliases (UPI2X11250VR47)

KEMET, MPXV, Metal Composite, 20%, 470 nH, 1250(5350)



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.

## Click here for the 3D model.

Dimensions	
Chip Size	1250(5350)
L	13.2mm +/-0.4mm
W	12.5mm +/-0.2mm
т	5mm MAX
G	4.7mm +/-0.3mm

## **Packaging Specifications**

Typical Component Weight	4.2 g
Packaging	T&R, 330mm
Packaging Quantity	250

Specifications	
Inductance	0.47 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	34.8 A (Irms, 40C Rise By Self Heating)
Saturation Current	37 A (Isat, 20% Drop In Inductance), 55 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	1.8 mOhms
DC Resistance	1.8 mOhms
Self-Resonant Frequency	54 MHz

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