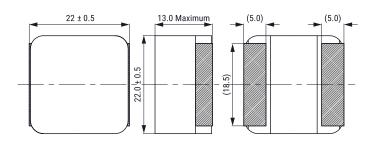


## MPXV1D2213LR47 Aliases (UPI2X12213VR47)

KEMET, MPXV, Metal Composite, 20%, 470 nH, 2213(9088)



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	2213(9088)
L	22mm +/-0.5mm
W	22mm +/-0.5mm
т	13mm MAX
G	18.5mm NOM

50

## Packaging Specifications Typical Component Weight 37 g Packaging T&R, 330mm

Packaging Packaging Quantity

Specifications	
Inductance	0.47 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	90 A (Irms, 40C Rise By Self Heating)
Saturation Current	96 A (Isat, 20% Drop In Inductance), 140 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	0.48 mOhms
DC Resistance	0.48 mOhms
Self-Resonant Frequency	45 MHz

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