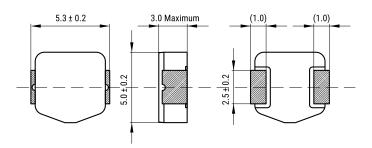


## MPXV1D0530LR15

Aliases (UPI2X10530VR15) KEMET, MPXV, Metal Composite, 20%, 150 nH, 0530(2120)



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	0530(2120)
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
т	3mm MAX
G	2.5mm +/-0.2mm

## **Packaging Specifications**

Typical Component Weight Packaging Packaging Quantity 330 mg T&R, 330mm 2500

Specifications	
Inductance	0.15 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	22 A (Irms, 40C Rise By Self Heating)
Saturation Current	15 A (Isat, 20% Drop In Inductance), 21 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	2.8 mOhms
DC Resistance	2.8 mOhms
Self-Resonant Frequency	180 MHz

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