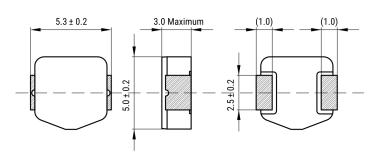


## MPXV1D0530LR47

Aliases (UPI2X10530VR47)

KEMET, MPXV, Power, 0.47 uH, 20%, 0530(2120)



General Information	
Series	MPXV
Style	SMD
Chip Size	0530(2120)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Click here for the 3D model.

Dimensions		
L	5.3mm +/-0.2mm	
W	5mm +/-0.2mm	
Т	3mm MAX	
LL	1mm NOM	
G	2.5mm +/-0.2mm	

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	2500

Specifications	
Inductance	0.47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	13.8 A (Irms, 40C Rise By Self Heating), 9 A (Isat, 20% Drop In Inductance), 13 A (Isat, 30% Drop In Inductance)
DC Resistance	6.9 mOhms
Self-Resonant Frequency	91 MHz

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