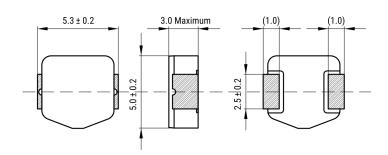


MPXV1D0530L1R0

Aliases (UPI2X10530V1R0)

KEMET, MPXV, Power, 1 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	1uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	10.7 A (Irms, 40C Rise By Self Heating), 7.5 A (Isat, 20% Drop In Inductance), 10.5 A (Isat, 30% Drop In Inductance)
DC Resistance	11.5 mOhms
Self-Resonant Frequency	52 MHz

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