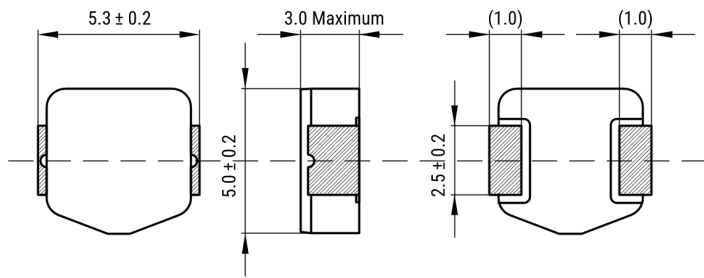


MPXV1D0530LR22

Aliases (UPI2X10530VR22)

KEMET, MPXV, Metal Composite, 20%, 220 nH, 0530(2120)



Click [here](#) for the 3D model.

Dimensions	
Chip Size	0530(2120)
AEC-Q200	Yes
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
T	3mm MAX
G	2.5mm +/-0.2mm

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

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.

Specifications	
Inductance	220 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	18.4 A (Irms, 40C Rise By Self Heating), 11 A (Isat, 20% Drop In Inductance), 16 A (Isat, 30% Drop In Inductance)
DC Resistance	3.9 mOhms
Self-Resonant Frequency	140 MHz

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