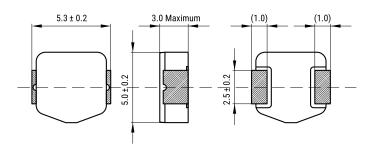


MPXV1D0530L2R2

Aliases (UPI2X10530V2R2) KEMET, MPXV, Metal Composite, 20%, 2,200 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

330 mg

2500

T&R, 330mm

Packaging Specifications

Typical Component Weight Packaging Packaging Quantity Specifications Inductance 2.2 uH (100 kHz) 20% Inductance Tolerance **Rated Current** 7.3 A (Irms, 40C Rise By Self Heating) Saturation Current 4.5 A (Isat, 20% Drop In Inductance), 6.5 A (Isat, 30% Drop In Inductance) -55/+155°C **Temperature Range** Shielded Yes DC Resistance 24.6 mOhms DC Resistance 24.6 mOhms Self-Resonant Frequency 35 MHz

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