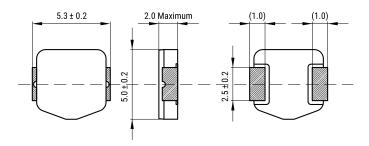


MPXV1D0520L1R5

Aliases (UPI2X10520V1R5) KEMET, MPXV, Metal Composite, 20%, 1,500 nH, 0520(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	0520(2120)
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
т	2mm MAX
G	2.5mm +/-0.2mm

230 mg

3500

T&R, 330mm

Packaging Specifications

Typical Component Weight Packaging Packaging Quantity Specifications Inductance 1.5 uH (100 kHz) 20% Inductance Tolerance **Rated Current** 5.6 A (Irms, 40C Rise By Self Heating) 4.5 A (Isat, 20% Drop In Inductance), 7 A (Isat, 30% Drop Saturation Current In Inductance) -55/+155°C **Temperature Range** Shielded Yes DC Resistance 35.6 mOhms DC Resistance 35.6 mOhms Self-Resonant Frequency 44 MHz

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