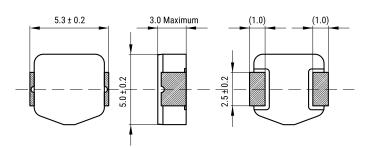


MPX1D0530L1R5 Aliases (UPI2X10530L1R5) KEMET, MPX, Metal Composite, 20%, 1,500 nH, 0530(2120)



General Information	
Series	MPX
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	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 1.5 uH (0.1 MHz) 20% Inductance Tolerance **Rated Current** 8.6 A (Irms, 40C Rise By Self Heating) Saturation Current 5.5 A (Isat, 20% Drop In Inductance), 8 A (Isat, 30% Drop In Inductance) -55/+155°C **Temperature Range** Shielded Yes DC Resistance 17.7 mOhms DC Resistance 17.7 mOhms Self-Resonant Frequency 45 MHz

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