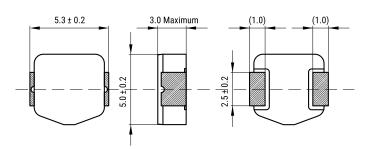


MPX1D0530LR47 Aliases (UPI2X10530LR47) KEMET, MPX, Metal Composite, 20%, 470 nH, 0530(2120)



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	0.47 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	13.8 A (Irms, 40C Rise By Self Heating)
Saturation Current	9 A (Isat, 20% Drop In Inductance), 13 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	6.9 mOhms
DC Resistance	6.9 mOhms
Self-Resonant Frequency	91 MHz

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