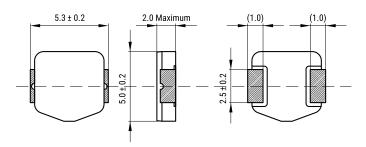


MPX1D0520LR47 Aliases (UPI2X10520LR47) KEMET, MPX, Metal Composite, 20%, 470 nH, 0520(2120)



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	0520(2120)
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
т	2mm MAX
G	2.5mm +/-0.2mm

Packaging SpecificationsTypical Component Weight230 mgPackagingT&R, 330mmPackaging Quantity3500

Specifications	
Inductance	0.47 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	12 A (Irms, 40C Rise By Self Heating)
Saturation Current	9 A (Isat, 20% Drop In Inductance), 14 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	7.8 mOhms
DC Resistance	7.8 mOhms
Self-Resonant Frequency	87 MHz

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