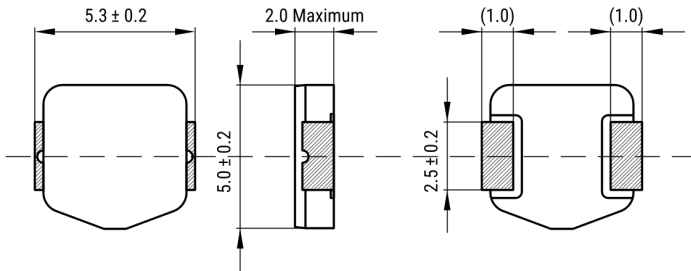


MPX1D0520L100

Aliases (UPI2X10520L100)

KEMET, MPX, Metal Composite, 20%, 10 uH, 0520(2120)



Click [here](#) for the 3D model.

Dimensions

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

Packaging Specifications

Typical Component Weight	230 mg
Packaging	T&R, 330mm
Packaging Quantity	3500

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.

Specifications

Inductance	10 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	true
Current	2.2 A (I _{rms} , 40C Rise By Self Heating), 2.5 A (I _{sat} , 20% Drop In Inductance), 3.5 A (I _{sat} , 30% Drop In Inductance)
DC Resistance	222.8 mOhms
Self-Resonant Frequency	20 MHz

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