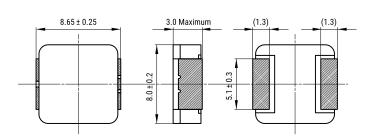


MPX1D0830L100 Aliases (UPI2X10830L100) KEMET, MPX, Metal Composite, 20%, 10 uH, 0830(3431)



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	0830(3431)
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
Т	3mm MAX
G	5.1mm +/-0.3mm

1.07 g

1500

T&R, 330mm

Packaging Specifications

Typical Component Weight	
Packaging	
Packaging Quantity	

Specifications	
Inductance	10 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	5.4 A (Irms, 40C Rise By Self Heating)
Saturation Current	5.5 A (Isat, 20% Drop In Inductance), 8 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	61.7 mOhms
DC Resistance	61.7 mOhms
Self-Resonant Frequency	12 MHz

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