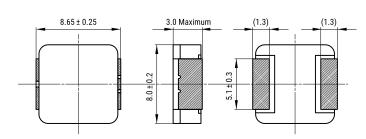


MPX1D0830L2R2 Aliases (UPI2X10830L2R2) KEMET, MPX, Metal Composite, 20%, 2,200 nH, 0830(3431)



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

Packaging Specifications

Typical Component Weight	1.07 g
Packaging	T&R, 330mm
Packaging Quantity	1500

Specifications	
Inductance	2.2 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	11.4 A (Irms, 40C Rise By Self Heating)
Saturation Current	11 A (Isat, 20% Drop In Inductance), 14 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	13.6 mOhms
DC Resistance	13.6 mOhms
Self-Resonant Frequency	30 MHz

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