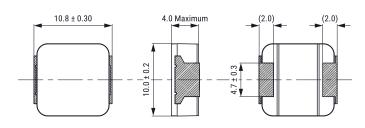


MPX1D1040L1R0 Aliases (UPI2X11040L1R0) KEMET, MPX, Metal Composite, 20%, 1,000 nH, 1040(4340)



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	1040(4340)
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
т	4mm MAX
G	4.7mm +/-0.3mm

500

Packaging Specifications

Typical Component Weight	
Packaging	
Packaging Quantity	

4mm MAX 4.7mm +/-0.3mm 2.2 g T&R, 330mm

Specifications	
Inductance	1 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	21.1 A (Irms, 40C Rise By Self Heating)
Saturation Current	19.5 A (Isat, 20% Drop In Inductance), 29 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	3.8 mOhms
DC Resistance	3.8 mOhms
Self-Resonant Frequency	35 MHz

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