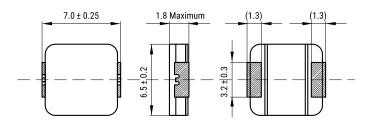


MPX1D0618L1R0 Aliases (UPI2X10618L1R0)

Aliases (UPI2X10618L1R0) KEMET, MPX, Metal Composite, 20%, 1,000 nH, 0618(2826)



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	0618(2826)
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
т	1.8mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	370 mg
Packaging	T&R, 330mm
Packaging Quantity	2500

Specifications	
Inductance	1 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	7.1 A (Irms, 40C Rise By Self Heating)
Saturation Current	8 A (Isat, 20% Drop In Inductance), 11 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	19.3 mOhms
DC Resistance	19.3 mOhms
Self-Resonant Frequency	55 MHz

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