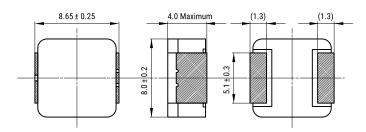


MPX1D0840L6R8

Aliases (UPI2X10840L6R8) KEMET, MPX, Metal Composite, 20%, 6,800 nH, 0840(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	0840(3431)
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
т	4mm MAX
G	5.1mm +/-0.3mm

1.45 g

1000

T&R, 330mm

Packaging Specifications

Typical Component Weight Packaging Packaging Quantity

Specifications	
Inductance	6.8 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	7.3 A (Irms, 40C Rise By Self Heating)
Saturation Current	6.5 A (Isat, 20% Drop In Inductance), 9 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	33.4 mOhms
DC Resistance	33.4 mOhms
Self-Resonant Frequency	13 MHz

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