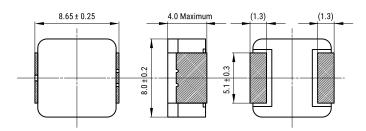


## 

Aliases (UPI2X10840L4R7) KEMET, MPX, Metal Composite, 20%, 4,700 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 4.7 uH (0.1 MHz) 20% Inductance Tolerance **Rated Current** 8.7 A (Irms, 40C Rise By Self Heating) Saturation Current 7.5 A (Isat, 20% Drop In Inductance), 11 A (Isat, 30% Drop In Inductance) -55/+155°C **Temperature Range** Shielded Yes DC Resistance 23.5 mOhms DC Resistance 23.5 mOhms Self-Resonant Frequency 17 MHz

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