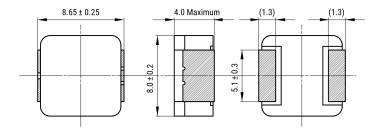


MPX1D0840L470

Aliases (UPI2X10840L470)

KEMET, MPX, Metal Composite, 20%, 47 uH, 0840(3431)



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	

Packaging Specifications	
Typical Component Weight	1.45 g
Packaging	T&R, 330mm
Packaging Quantity	1000

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.

Specifications	
Inductance	47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	2.8 A (Irms, 40C Rise By Self Heating), 2.5 A (Isat, 20% Drop In Inductance), 3.5 A (Isat, 30% Drop In Inductance)
DC Resistance	226.7 mOhms
Self-Resonant Frequency	5.7 MHz

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