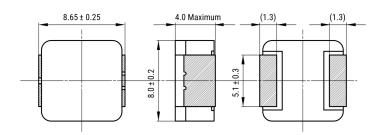


MPX1D0840L470 Aliases (UPI2X10840L470)

KEMET, MPX, Power, 47 uH, 20%, 0840(3431)



Click here for the 3D model.

Dimensions	
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
Т	4mm MAX
LL	1.3mm NOM
G	5.1mm +/-0.3mm

Packaging Specifications		
Packaging	T&R, 330mm	
Packaging Quantity	1000	

General Information		
Series	MPX	
Style	SMD	
Chip Size	0840(3431)	
Description	Surface Mount Inductor	
Features	Power Inductors	
RoHS	Yes	
Core	Composite	
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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