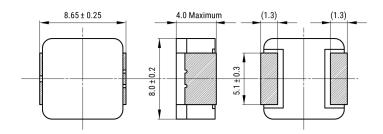


## MPXV1D0840L470

Aliases (UPI2X10840V470)

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



General Information	
Series	MPXV
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Cli

Dimensions	
Chip Size	0840(3431)
AEC-Q200	Yes
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
Т	4mm MAX
G	5.1mm +/-0.3mm

lick here for the 3D model.		Inductance	47 uH
		Inductance Tolerance	20%
Dimensions		Temperature Range	-55/+155°C
Chip Size	0840(3431)	Shielded	true
AEC-Q200	Yes	0.11101000	
L	8.65mm +/-0.25mm	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
W	8mm +/-0.2mm		Inductance)
Т	4mm MAX	DC Resistance	226.7 mOhms
G	5.1mm +/-0.3mm	Self-Resonant Frequency	5.7 MHz

**Specifications** 

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

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