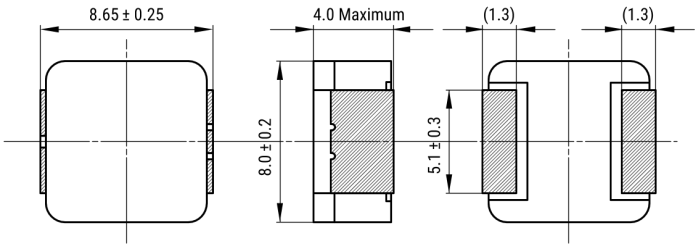


**MPXV1D0840L4R7**

Aliases (UPI2X10840V4R7)

KEMET, MPXV, Metal Composite, 20%, 4700 nH, 0840(3431)



Click [here](#) for the 3D model.

Dimensions	
Chip Size	0840(3431)
AEC-Q200	Yes
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
T	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	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.

Specifications	
Inductance	4700 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	8.7 A (Irms, 40C Rise By Self Heating), 7.5 A (Isat, 20% Drop In Inductance), 11 A (Isat, 30% Drop In Inductance)
DC Resistance	23.5 mOhms
Self-Resonant Frequency	17 MHz

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