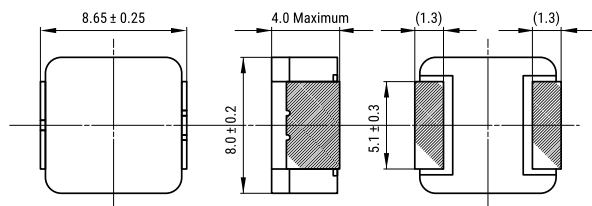


KEMET Part Number: MPXV1D0840L4R7
(UPI2X10840V4R7)



KEMET, MPXV, Power, 4.7 uH, 20%, 0840(3431)



General Information	
Series:	MPXV
Style:	SMD
Chip Size:	0840(3431)
Description:	Surface Mount Inductor
Features:	Power Inductors
RoHS:	Yes
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Core:	Composite
Miscellaneous:	40 (K) Temperature Rise Max.

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

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

Specifications	
Inductance:	4.7 uH (100 KHz)
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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