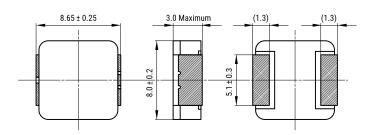


MPXV1D0830L4R7 Aliases (UPI2X10830V4R7)

KEMET, MPXV, Metal Composite, 20%, 4,700 nH, 0830(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.

Click here for the 3D model.

Dimensions	
Chip Size	0830(3431)
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
т	3mm MAX
G	5.1mm +/-0.3mm

1.07 g

1500

T&R, 330mm

Packaging Specifications

Typical Component Weight Packaging Packaging Quantity Specifications Inductance 4.7 uH (100 kHz) 20% Inductance Tolerance **Rated Current** 7.7 A (Irms, 40C Rise By Self Heating) Saturation Current 7.5 A (Isat, 20% Drop In Inductance), 10.5 A (Isat, 30% Drop In Inductance) -55/+155°C **Temperature Range** Shielded Yes DC Resistance 29.7 mOhms DC Resistance 29.7 mOhms Self-Resonant Frequency 18 MHz

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