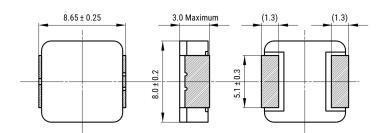


MPXV1D0830LR22

Aliases (UPI2X10830VR22)

KEMET, MPXV, Metal Composite, 20%, 220 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.
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Dimensions	
Chip Size	0830(3431)
AEC-Q200	Yes
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
Т	3mm MAX
G	5.1mm +/-0.3mm

Packaging Specifications				
Typical Component Weight	1.07 g			
Packaging	T&R, 330mm			
Packaging Quantity	1500			

Specifications	
Inductance	220 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	30.7 A (Irms, 40C Rise By Self Heating), 27 A (Isat, 20% Drop In Inductance), 43 A (Isat, 30% Drop In Inductance)
DC Resistance	1.9 mOhms
Self-Resonant Frequency	140 MHz

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