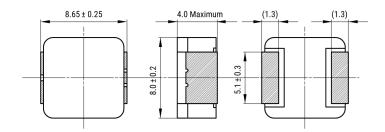


MPXV1D0840LR33

Aliases (UPI2X10840VR33)

KEMET, MPXV, Metal Composite, 20%, 330 nH, 0840(3431)



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

Specifications	
Inductance	330 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	27.7 A (Irms, 40C Rise By Self Heating), 30 A (Isat, 20% Drop In Inductance), 45 A (Isat, 30% Drop In Inductance)
DC Resistance	2.4 mOhms
Self-Resonant Frequency	77 MHz

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

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