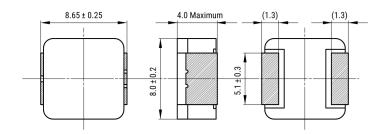


MPXV1D0840L1R5

Aliases (UPI2X10840V1R5)

KEMET, MPXV, Metal Composite, 20%, 1500 nH, 0840(3431)



General Information		ı
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	1500 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	16.2 A (Irms, 40C Rise By Self Heating), 14 A (Isat, 20% Drop In Inductance), 19 A (Isat, 30% Drop In Inductance)
DC Resistance	6.8 mOhms
Self-Resonant Frequency	29 MHz

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.