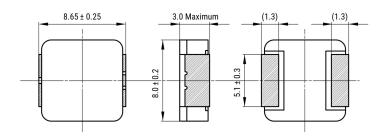


MPXV1D0830L100

Aliases (UPI2X10830V100)

KEMET, MPXV, Power, 10 uH, 20%, 0830(3431)



General Information		
Series	MPXV	
0000		
Style	SMD	
Chip Size	0830(3431)	
Description	Surface Mount Inductor	
Features	Power Inductors	
RoHS	Yes	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Core	Composite	
Miscellaneous	40 (K) Temperature Rise Max.	

Click here for the 3D model.

Dimensions	
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
Т	3mm MAX
LL	1.3mm NOM
G	5.1mm +/-0.3mm

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	1500

Specifications	,
Inductance	10 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	5.4 A (Irms, 40C Rise By Self Heating), 5.5 A (Isat, 20% Drop In Inductance), 8 A (Isat, 30% Drop In Inductance)
DC Resistance	61.7 mOhms
Self-Resonant Frequency	12 MHz

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