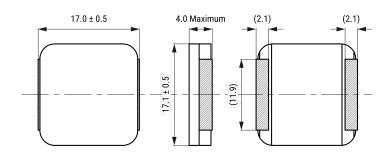


MPXV1D1740L6R8

Aliases (UPI2X11740V6R8)

KEMET, MPXV, Metal Composite, 20%, 6800 nH, 1740(6868)



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	1740(6868)
AEC-Q200	Yes
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
Т	4mm MAX
G	11.9mm NOM

Specifications	,
Inductance	6800 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	11.5 A (Irms, 40C Rise By Self Heating), 12 A (Isat, 20% Drop In Inductance), 17 A (Isat, 30% Drop In Inductance)
DC Resistance	15.9 mOhms
Self-Resonant Frequency	9 MHz

Packaging Specifications		
Typical Component Weight	6.3 g	
Packaging	T&R, 330mm	
Packaging Quantity	100	

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