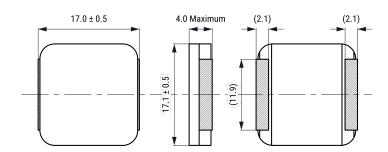


## **MPXV1D1740L6R8**

Aliases (UPI2X11740V6R8)

KEMET, MPXV, Power, 6.8 uH, 20%, 1740(6868)



General Information		
Series	MPXV	
Style	SMD	
Chip Size	1740(6868)	
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	17mm +/-0.5mm	
W	17.1mm +/-0.5mm	
Т	4mm MAX	
LL	2.1mm NOM	
G	11.9mm NOM	

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	100

Specifications	,
Inductance	6.8 uH
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

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