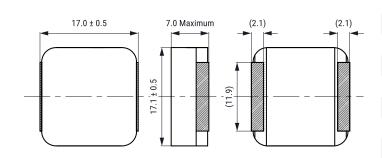




Aliases (UPI2X11770V6R8) KEMET, MPXV, Metal Composite, 20%, 6800 nH, 1770(6868)





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	1770(6868)
AEC-Q200	Yes
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
Т	7mm MAX
G	11.9mm NOM

Packaging Specifications	
Typical Component Weight	11 g
Packaging	T&R, 330mm
Packaging Quantity	100

Specifications	
Inductance	6.8 uH (100 kHz)
Inductance Tolerance	20%
Inductance	6800 nH
Temperature Range	-55/+155°C
Shielded	true
Current	19.5 A (Irms, 40C Rise By Self Heating), 18 A (Isat, 20% Drop In Inductance), 26 A (Isat, 30% Drop In Inductance)
DC Resistance	6.8 mOhms
DC Resistance	6.8 mOhms
Self-Resonant Frequency	8 MHz

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