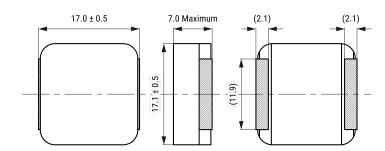


MPXV1D1770L6R8

Aliases (UPI2X11770V6R8)

KEMET, MPXV, Power, 6.8 uH, 20%, 1770(6868)



General Information	
Series	MPXV
Style	SMD
Chip Size	1770(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	7mm 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	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
Self-Resonant Frequency	8 MHz

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