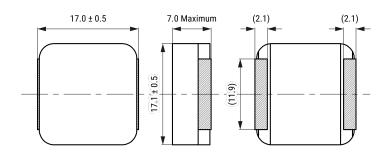


MPXV1D1770L100

Aliases (UPI2X11770V100)

KEMET, MPXV, Power, 10 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	
Specifications	
Inductance	10 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	14.5 A (Irms, 40C Rise By Self Heating), 11.5 A (Isat, 20% Drop In Inductance), 16.5 A (Isat, 30% Drop In Inductance)
DC Resistance	12.2 mOhms
Self-Resonant Frequency	7 MHz

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