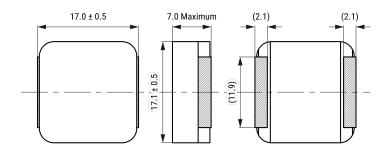


## MPXV1D1770L4R7

Aliases (UPI2X11770V4R7)

KEMET, MPXV, Power, 4.7 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
T	7mm MAX
LL	2.1mm NOM
G	11.9mm NOM

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

Specifications	,
Inductance	4.7 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	23.5 A (Irms, 40C Rise By Self Heating), 24 A (Isat, 20% Drop In Inductance), 33.5 A (Isat, 30% Drop In Inductance)
DC Resistance	4.8 mOhms
Self-Resonant Frequency	10 MHz

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