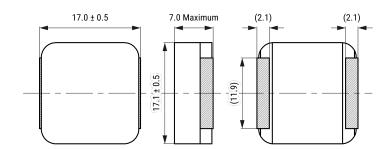


MPX1D1770LR47

Aliases (UPI2X11770LR47)

Specifications

KEMET, MPX, Power, 0.47 uH, 20%, 1770(6868)



General Information	
Series	MPX
Style	SMD
Chip Size	1770(6868)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	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	

Inductance	0.47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	52.5 A (Irms, 40C Rise By Self Heating), 72 A (Isat, 20% Drop In Inductance), 108 A (Isat, 30% Drop In Inductance)
DC Resistance	1.0005 mOhms
Self-Resonant Frequency	45 MHz

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

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