

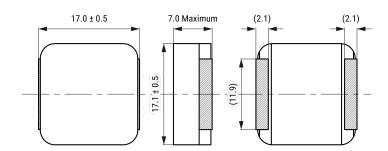
MPX1D1770L4R7

Aliases (UPI2X11770L4R7)

Specifications

Inductance Inductance

KEMET, MPX, Power, 4.7 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.

4.7 uH

20%

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	

Click here for the 3D model.		Tolerance	20%
Dimension		Temperature Range	-55/+155°C
Dimensions		Shielded	Yes
L	17mm +/-0.5mm		23.5 A (Irms, 40C Rise By Self Heating), 24 A
W	17.1mm +/-0.5mm	Current	(Isat, 20% Drop In Inductance), 33.5 A (Isat, 30%
Т	7mm MAX		Drop In Inductance)
LL	2.1mm NOM	DC Resistance	e 4.8 mOhms
G	11.9mm NOM	Self-Resonar Frequency	nt 10 MHz

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

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