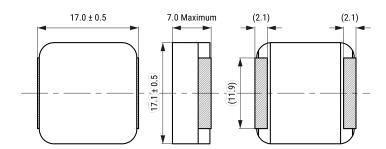


## MPX1D1770L100

Aliases (UPI2X11770L100)

KEMET, MPX, Power, 10 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	

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

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

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