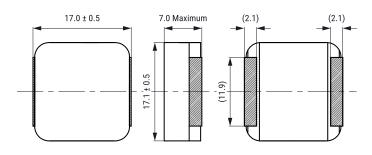


MPX1D1770L100 Aliases (UPI2X11770L100) KEMET, MPX, Metal Composite, 20%, 10 uH, 1770(6868)



General Information	
Series	MPX
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Click here for the 3D model.

Dimensions	
Chip Size	1770(6868)
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
Т	7mm MAX
G	11.9mm NOM
6	

Packaging Specifications	
Typical Component Weight	11 g
Packaging	T&R, 330mm
Packaging Quantity	100

Specifications	
Inductance	10 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	14.5 A (Irms, 40C Rise By Self Heating)
Saturation Current	11.5 A (Isat, 20% Drop In Inductance), 16.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	12.2 mOhms
DC Resistance	12.2 mOhms
Self-Resonant Frequency	7 MHz

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