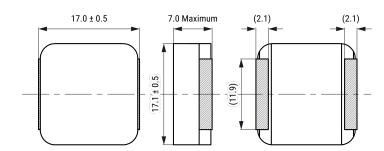


MPX1D1770L470

Aliases (UPI2X11770L470)

General Information

KEMET, MPX, Metal Composite, 20%, 47 uH, 1770(6868)



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

Specifications	,
Inductance	47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	6.5 A (Irms, 40C Rise By Self Heating), 7.5 A (Isat, 20% Drop In Inductance), 10.5 A (Isat, 30% Drop In Inductance)
DC Resistance	62.8 mOhms
Self-Resonant Frequency	2.8 MHz

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

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