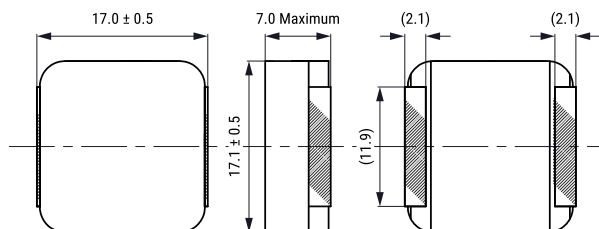


KEMET Part Number: MPX1D1770LR47
(UPI2X11770LR47)

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



Dimensions

Dimensions	
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
T	7mm MAX
LL	2.1mm NOM
G	11.9mm NOM

Packaging Specifications

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

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.

Specifications

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