

## MPX1D1770L101

Aliases (UPI2X11770L101)

General Information

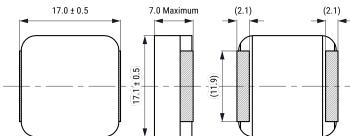
Series

Style

KEMET, MPX, Metal Composite, 20%, 100 uH, 1770(6868)

MPX

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

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

Specifications	
Inductance	100 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	true
Current	4.5 A (Irms, 40C Rise By Self Heating), 5.6 A (Isat, 20% Drop In Inductance), 7.5 A (Isat, 30% Drop In Inductance)
DC Resistance	110.3 mOhms
Self-Resonant Frequency	1.8 MHz

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.