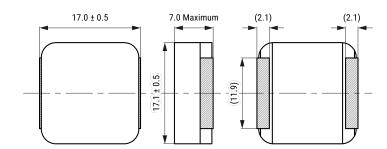


## MPX1D1770L101

Aliases (UPI2X11770L101)

KEMET, MPX, Power, 100 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	100 uH	
Inductance Tolerance	20%	
Temperature Range	-55/+155°C	
Shielded	Yes	
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	

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

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.