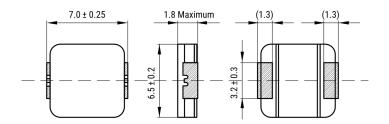


## MPX1D0618LR10

Aliases (UPI2X10618LR10)

KEMET, MPX, Power, 0.1 uH, 20%, 0618(2826)



Click here for the 3D model.

Dimensions		
L	7mm +/-0.25mm	
W	6.5mm +/-0.2mm	
Т	1.8mm MAX	
LL	1.3mm NOM	
G	3.2mm +/-0.3mm	

Packaging Specifications		
Packaging	T&R, 330mm	
Packaging Quantity	2500	

General Information		
MPX		
SMD		
0618(2826)		
Surface Mount Inductor		
Power Inductors		
Yes		
Composite		
40 (K) Temperature Rise Max.		

Specifications	
Inductance	0.1 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	18.9 A (Irms, 40C Rise By Self Heating), 22.5 A (Isat, 20% Drop In Inductance), 40 A (Isat, 30% Drop In Inductance)
DC Resistance	2.8 mOhms
Self-Resonant Frequency	230 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.