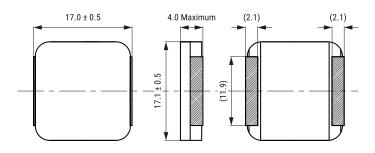


## **MPX1D1740L4R7** Aliases (UPI2X11740L4R7) KEMET, MPX, Metal Composite, 20%, 4,700 nH, 1740(6868)



General Information	
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	1740(6868)
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
т	4mm MAX
G	11.9mm NOM

100

## Packaging SpecificationsTypical Component Weight6.3 gPackagingT&R, 330mm

Packaging	
Packaging Quantity	

Specifications	
Inductance	4.7 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	14.5 A (Irms, 40C Rise By Self Heating)
Saturation Current	13 A (Isat, 20% Drop In Inductance), 18.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	10.4 mOhms
DC Resistance	10.4 mOhms
Self-Resonant Frequency	12 MHz

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