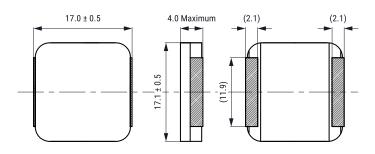


## **MPX1D1740L6R8** Aliases (UPI2X11740L6R8) KEMET, MPX, Metal Composite, 20%, 6,800 nH, 1740(6868)



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 Specifications Typical Component Weight 6.3 g Packaging T&R, 330mm

Packaging Quantity

Specifications	
Inductance	6.8 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	11.5 A (Irms, 40C Rise By Self Heating)
Saturation Current	12 A (Isat, 20% Drop In Inductance), 17 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	15.9 mOhms
DC Resistance	15.9 mOhms
Self-Resonant Frequency	9 MHz

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