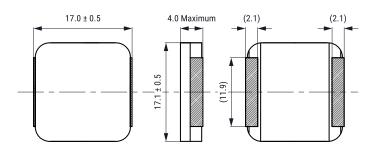


MPX1D1740L6R8 Aliases (UPI2X11740L6R8) KEMET, MPX, Metal Composite, 20%, 6,800 nH, 1740(6868)



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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