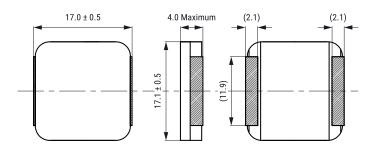


MPX1D1740LR47 Aliases (UPI2X11740LR47) KEMET, MPX, Metal Composite, 20%, 470 nH, 1740(6868)



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

6.3 g

100

T&R, 330mm

Packaging Specifications

Typical Component Weld
Packaging
Packaging Quantity

Specifications	
Inductance	0.47 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	34 A (Irms, 40C Rise By Self Heating)
Saturation Current	52 A (Isat, 20% Drop In Inductance), 75 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	1.8 mOhms
DC Resistance	1.8 mOhms
Self-Resonant Frequency	46 MHz

cification

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