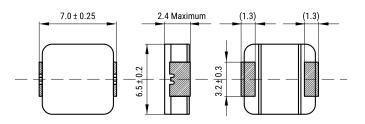


## **MPX1D0624LR47**

Aliases (UPI2X10624LR47) KEMET, MPX, Metal Composite, 20%, 470 nH, 0624(2826)



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	0624(2826)
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
т	2.4mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	500 mg
Packaging	T&R, 330mm
Packaging Quantity	1500

Specifications	
Inductance	0.47 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	15.4 A (Irms, 40C Rise By Self Heating)
Saturation Current	14.5 A (Isat, 20% Drop In Inductance), 20 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	5.2 mOhms
DC Resistance	5.2 mOhms
Self-Resonant Frequency	71 MHz

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