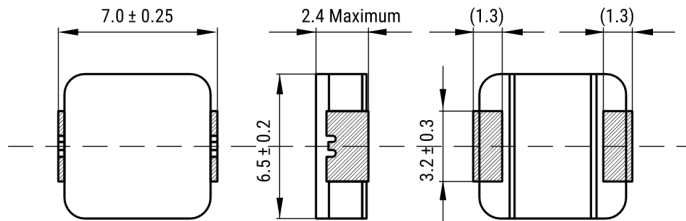


## MPX1D0624LR10

Aliases (UPI2X10624LR10)

KEMET, MPX, Metal Composite, 20%, 100 nH, 0624(2826)



Click [here](#) for the 3D model.

### Dimensions

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

### Packaging Specifications

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

### 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.

### Specifications

Inductance	100 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	true
Current	26.6 A (I <sub>rms</sub> , 40C Rise By Self Heating), 25 A (I <sub>sat</sub> , 20% Drop In Inductance), 42 A (I <sub>sat</sub> , 30% Drop In Inductance)
DC Resistance	1.8 mOhms
Self-Resonant Frequency	210 MHz

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