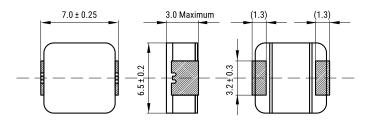


## MPX1D0630L4R7

Aliases (UPI2X10630L4R7) KEMET, MPX, Metal Composite, 20%, 4,700 nH, 0630(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	0630(2826)
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
т	3mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	620 mg
Packaging	T&R, 330mm
Packaging Quantity	1500

Specifications	
Inductance	4.7 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	6.2 A (Irms, 40C Rise By Self Heating)
Saturation Current	4.5 A (Isat, 20% Drop In Inductance), 6.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	36.7 mOhms
DC Resistance	36.7 mOhms
Self-Resonant Frequency	21 MHz

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