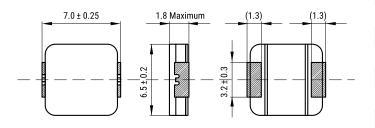


## MPXV1D0618LR47

Aliases (UPI2X10618VR47) KEMET, MPXV, Metal Composite, 20%, 470 nH, 0618(2826)



General Information	
Series	MPXV
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	40 (K) Temperature Rise Max.

## Click here for the 3D model.

Dimensions	
Chip Size	0618(2826)
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
т	1.8mm MAX
G	3.2mm +/-0.3mm

370 mg

2500

T&R, 330mm

## **Packaging Specifications**

Typical Component Weight
Packaging
Packaging Quantity

Specifications Inductance 0.47 uH (100 kHz) 20% Inductance Tolerance **Rated Current** 10.7 A (Irms, 40C Rise By Self Heating) Saturation Current 11 A (Isat, 20% Drop In Inductance), 17 A (Isat, 30% Drop In Inductance) -55/+155°C **Temperature Range** Shielded Yes DC Resistance 8.5 mOhms DC Resistance 8.5 mOhms Self-Resonant Frequency 95 MHz

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