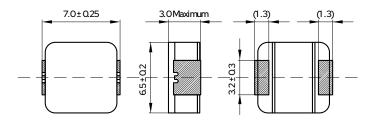


## MPEV1D0630LR47 Aliases (UPI2X10630ER47)

KEMET, MPEV, Metal Composite, 20%, 470 nH, 2826



General Information	
Series	MPEV
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	2826
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
т	3mm MAX
G	3.2mm +/-0.3mm

## **Packaging Specifications**

Typical Component Weight620 mgPackagingT&R, 330mmPackaging Quantity1500

Specifications	
Inductance	0.47 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	18.7 A (Irms, 40C Rise By Self Heating)
Saturation Current	15 A (Isat, 20% Drop In Inductance), 21 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+180°C
Shielded	Yes
DC Resistance	4 mOhms
DC Resistance	4 mOhms
Self-Resonant Frequency	70 MHz

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