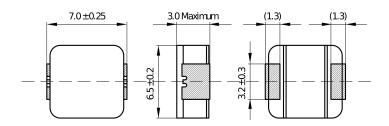


MPEV1D0630LR47

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	
AEC-Q200	Yes	
L	7mm +/-0.25mm	
W	6.5mm +/-0.2mm	
Т	3mm MAX	
G	3.2mm +/-0.3mm	

Specifications	
Inductance	470 nH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	Yes
Current	18.7 A (Irms, 40C Rise By Self Heating), 15 A (Isat, 20% Drop In Inductance), 21 A (Isat, 30% Drop In Inductance)
DC Resistance	4 mOhms
Self-Resonant Frequency	70 MHz

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

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