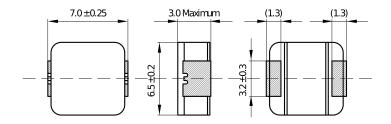


MPEV1D0630L4R7

Aliases (UPI2X10630E4R7)

KEMET, MPEV, SMD, 4700 nH, 20%, 2826



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

Click here for the 3D model.

Dimensions		ļ
Chip Size	2826	_
L	7mm +/-0.25mm	
W	6.5mm +/-0.2mm	
Т	3mm MAX	
LL	1.3mm NOM	
G	3.2mm +/-0.3mm	

Specifications	
Inductance	4700 nH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	Yes
Current	6.2 A (Irms, 40C Rise By Self Heating), 4.5 A (Isat, 20% Drop In Inductance), 6.5 A (Isat, 30% Drop In Inductance)
DC Resistance	36.7 mOhms
Self-Resonant Frequency	21 MHz

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

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