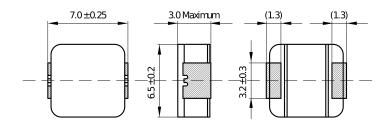


## **MPEV1D0630L6R8**

Aliases (UPI2X10630E6R8)

KEMET, MPEV, Power, 6.8 uH, 20%, 2826



General Information	
Series	MPEV
Style	SMD
Chip Size	2826
Description	Surface Mount Inductor
Features	Power Inductors
Qualifications	AEC-Q200
AEC-Q200	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Click here for the 3D model.

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

Specifications	
Inductance	6.8 uH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	Yes
Current	5.2 A (Irms, 40C Rise By Self Heating), 4 A (Isat, 20% Drop In Inductance), 5.5 A (Isat, 30% Drop In Inductance)
DC Resistance	50.9 mOhms
Self-Resonant Frequency	16 MHz

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	1500

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