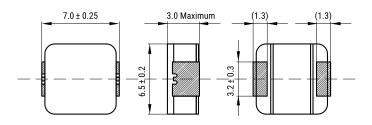


MPXV1D0630L6R8

Aliases (UPI2X10630V6R8) KEMET, MPXV, Metal Composite, 20%, 6,800 nH, 0630(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	0630(2826)
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
Т	3mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications

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

Specifications	
Inductance	6.8 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	5.2 A (Irms, 40C Rise By Self Heating)
Saturation Current	4 A (Isat, 20% Drop In Inductance), 5.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	50.9 mOhms
DC Resistance	50.9 mOhms
Self-Resonant Frequency	16 MHz

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