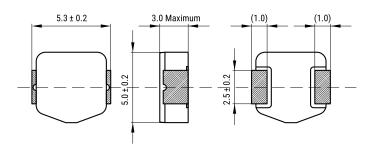


## MPXV1D0530L6R8

Aliases (UPI2X10530V6R8) KEMET, MPXV, Metal Composite, 20%, 6,800 nH, 0530(2120)



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	0530(2120)
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
т	3mm MAX
G	2.5mm +/-0.2mm

330 mg

2500

T&R, 330mm

## **Packaging Specifications**

Typical Component Weight Packaging Packaging Quantity Specifications Inductance 6.8 uH (100 kHz) 20% Inductance Tolerance **Rated Current** 3.5 A (Irms, 40C Rise By Self Heating) Saturation Current 2.5 A (Isat, 20% Drop In Inductance), 4 A (Isat, 30% Drop In Inductance) -55/+155°C **Temperature Range** Shielded Yes DC Resistance 107.8 mOhms DC Resistance 107.8 mOhms Self-Resonant Frequency 23 MHz

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