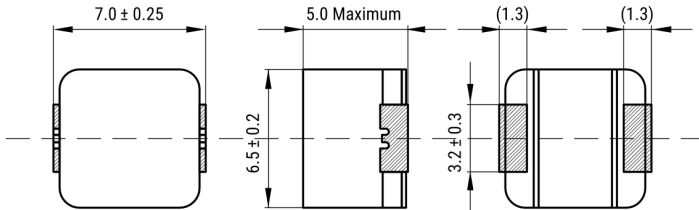


## MPXV1D0650LR68

Aliases (UPI2X10650VR68)

KEMET, MPXV, Metal Composite, 20%, 680 nH, 0650(2826)



Click [here](#) for the 3D model.

### Dimensions

Chip Size	0650(2826)
AEC-Q200	Yes
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	5mm MAX
G	3.2mm +/-0.3mm

### Packaging Specifications

Typical Component Weight	1.05 g
Packaging	T&R, 330mm
Packaging Quantity	1000

### 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.

### Specifications

Inductance	680 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	true
Current	18.8 A (Irms, 40C Rise By Self Heating), 12 A (Isat, 20% Drop In Inductance), 17 A (Isat, 30% Drop In Inductance)
DC Resistance	4.1 mOhms
Self-Resonant Frequency	54 MHz