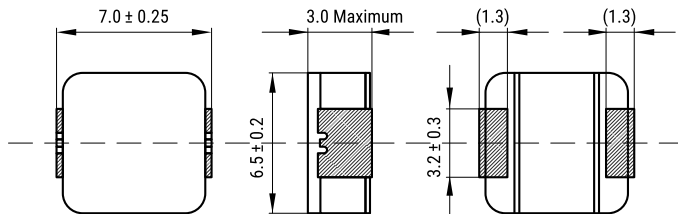


MPX1D0630LR68

Aliases (UPI2X10630LR68)

KEMET, MPX, Metal Composite, 20%, 680 nH, 0630(2826)



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

General Information

Series	MPX
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Dimensions

Chip Size	0630(2826)
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	3mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications

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

Specifications

Inductance	0.68 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	15.1 A (Irms, 40C Rise By Self Heating)
Saturation Current	11.5 A (Isat, 20% Drop In Inductance), 17 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	6.2 mOhms
DC Resistance	6.2 mOhms
Self-Resonant Frequency	55 MHz

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