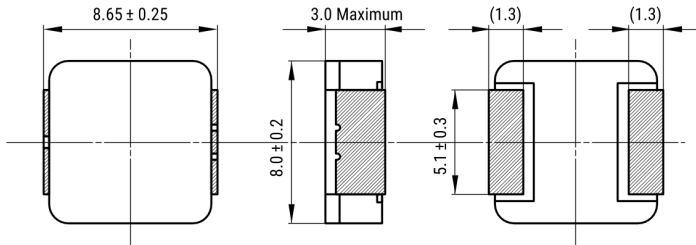


MPX1D0830LR68

Aliases (UPI2X10830LR68)

KEMET, MPX, Power, 0.68 uH, 20%, 0830(3431)



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

Dimensions

L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
T	3mm MAX
LL	1.3mm NOM
G	5.1mm +/-0.3mm

Packaging Specifications

Typical Component Weight	1.07 g
Packaging	T&R, 330mm
Packaging Quantity	1500

General Information

Series	MPX
Style	SMD
Chip Size	0830(3431)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	0.68 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	20.1 A (I _{rms} , 40C Rise By Self Heating), 20 A (I _{sat} , 20% Drop In Inductance), 28 A (I _{sat} , 30% Drop In Inductance)
DC Resistance	4.4 mOhms
Self-Resonant Frequency	55 MHz

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