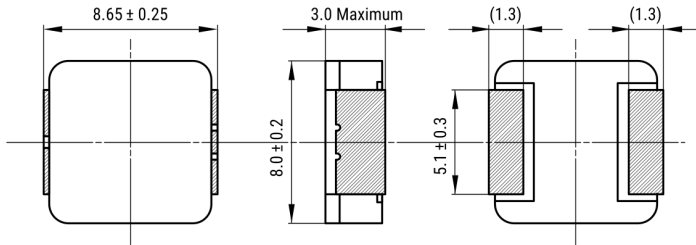


## MPX1D0830L220

Aliases (UPI2X10830L220)

KEMET, MPX, Power, 22 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

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	22 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	3.6 A (Irms, 40C Rise By Self Heating), 3.5 A (Isat, 20% Drop In Inductance), 5 A (Isat, 30% Drop In Inductance)
DC Resistance	134.5 mOhms
Self-Resonant Frequency	8.1 MHz

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