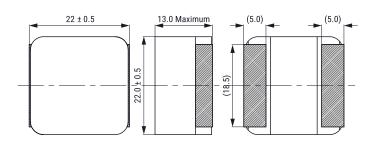


MPX1D2213LR47 Aliases (UPI2X12213LR47) KEMET, MPX, Metal Composite, 20%, 470 nH, 2213(9088)



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.

Click here for the 3D model.

Dimensions	
Chip Size	2213(9088)
L	22mm +/-0.5mm
W	22mm +/-0.5mm
т	13mm MAX
G	18.5mm NOM

Packaging Specifications	
Typical Component Weight	37 g
Packaging	T&R, 330mm
Packaging Quantity	50

Specifications	
Inductance	0.47 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	90 A (Irms, 40C Rise By Self Heating)
Saturation Current	96 A (Isat, 20% Drop In Inductance), 140 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	0.483 mOhms
DC Resistance	0.483 mOhms
Self-Resonant Frequency	45 MHz

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