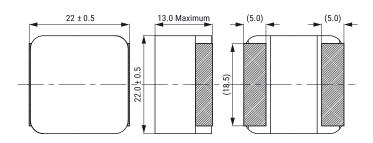


MPX1D2213L470 Aliases (UPI2X12213L470) KEMET, MPX, Metal Composite, 20%, 47 uH, 2213(9088)



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	47 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	15.5 A (Irms, 40C Rise By Self Heating)
Saturation Current	13.5 A (Isat, 20% Drop In Inductance), 19 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	20.5 mOhms
DC Resistance	20.5 mOhms
Self-Resonant Frequency	2.5 MHz

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