

MPX1D2213L470

Aliases (UPI2X12213L470)

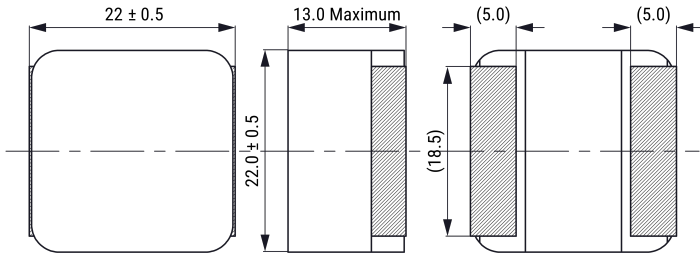
KEMET, MPX, Power, 47 uH, 20%, 2213(9088)

General Information

Series	MPX
Style	SMD
Chip Size	2213(9088)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	15.5 A (I _{rms} , 40C Rise By Self Heating), 13.5 A (I _{sat} , 20% Drop In Inductance), 19 A (I _{sat} , 30% Drop In Inductance)
DC Resistance	20.5 mOhms
Self-Resonant Frequency	2.5 MHz



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

Dimensions

L	22mm +/-0.5mm
W	22mm +/-0.5mm
T	13mm MAX
LL	5mm NOM
G	18.5mm NOM

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	50

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