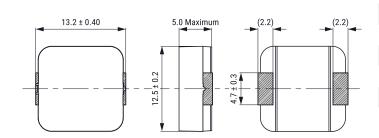




Aliases (UPI2X11250L470) KEMET, MPX, Metal Composite, 20%, 47 uH, 1250(5350)



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	1250(5350)
L	13.2mm +/-0.4mm
W	12.5mm +/-0.2mm
Т	5mm MAX
G	4.7mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	4.2 g
Packaging	T&R, 330mm
Packaging Quantity	250

Specifications	
Inductance	47 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	47 uH
Temperature Range	-55/+155°C
Shielded	true
Current	4.5 A (Irms, 40C Rise By Self Heating), 4 A (Isat, 20% Drop In Inductance), 5.5 A (Isat, 30% Drop In Inductance)
DC Resistance	105.4 mOhms
DC Resistance	105.4 mOhms
Self-Resonant Frequency	4 MHz

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