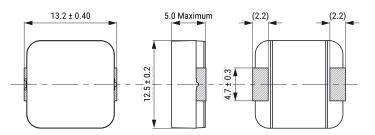


## MPX1D1250L470

Aliases (UPI2X11250L470)

KEMET, MPX, Power, 47 uH, 20%, 1250(5350)



General Information	
Series	MPX
Style	SMD
Chip Size	1250(5350)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Click here for the 3D model.

Dimensions		Temperature Range	
Dimensions		Shielded	
L	13.2mm +/-0.4mm		
W	12.5mm +/-0.2mm	Current	
Т	5mm MAX		
LL	2.2mm NOM	DC Resistance	
G	4.7mm +/-0.3mm	Self-Resonant Frequency	

Specifications	
Inductance	47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
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
Self-Resonant Frequency	4 MHz

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	250

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