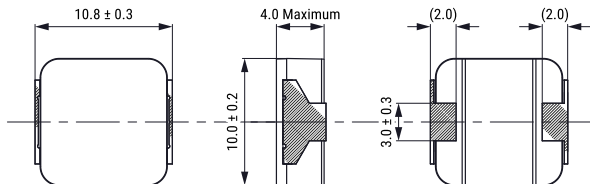


KEMET Part Number: MPX1D1040L470
(UPI2X11040L470)



KEMET, MPX, Power, 47 uH, 20%, 1040(4340)



General Information	
Series:	MPX
Style:	SMD
Chip Size:	1040(4340)
Description:	Surface Mount Inductor
Features:	Power Inductors
RoHS:	Yes
Core:	Composite
Miscellaneous:	40 (K) Temperature Rise Max.

Dimensions	
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
T	4mm MAX
LL	2mm NOM
G	3mm +/-0.3mm

Packaging Specifications	
Packaging:	T&R, 330mm
Packaging Quantity:	500

Specifications	
Inductance:	47 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	3 A (Irms, 40C Rise By Self Heating), 3 A (Isat, 20% Drop In Inductance), 4 A (Isat, 30% Drop In Inductance)
DC Resistance:	182.6 mOhms
Self-Resonant Frequency:	4.5 MHz

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