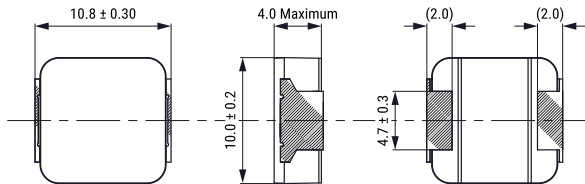


KEMET Part Number: MPXV1D1040L1R5
(UPI2X11040V1R5)



KEMET, MPXV, Power, 1.5 uH, 20%, 1040(4340)



General Information	
Series:	MPXV
Style:	SMD
Chip Size:	1040(4340)
Description:	Surface Mount Inductor
Features:	Power Inductors
RoHS:	Yes
Qualifications:	AEC-Q200
AEC-Q200:	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	4.7mm +/-0.3mm

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

Specifications	
Inductance:	1.5 uH (100 KHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	17.7 A (Irms, 40C Rise By Self Heating), 18 A (Isat, 20% Drop In Inductance), 26 A (Isat, 30% Drop In Inductance)
DC Resistance:	5.4 mOhms
Self-Resonant Frequency:	30 MHz

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