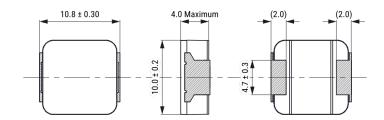


MPXV1D1040L1R5

Aliases (UPI2X11040V1R5)

KEMET, MPXV, Metal Composite, 20%, 1500 nH, 1040(4340)



General Information	
Series	MPXV
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Click here for the 3D model.

Dimensions	
Chip Size	1040(4340)
AEC-Q200	Yes
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
Т	4mm MAX
G	4.7mm +/-0.3mm

Dimensions	
Chip Size	1040(4340)
AEC-Q200	Yes
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
Т	4mm MAX
G	4.7mm +/-0.3mm

Specifications	,
Inductance	1500 nH
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

Packaging Specifications			
Typical Component Weight	2.2 g		
Packaging	T&R, 330mm		
Packaging Quantity	500		

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