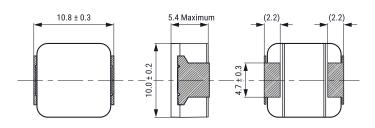


## MPXV1D1054L1R0 Aliases (UPI2X11054V1R0)

Allases (UPI2X11054V1R0) KEMET, MPXV, Metal Composite, 20%, 1,000 nH, 1054(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	1054(4340)
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
т	5.4mm MAX
G	4.7mm +/-0.3mm

## **Packaging Specifications**

Typical Component Weight	3 g
Packaging	T&R, 330mm
Packaging Quantity	500

Specifications	
Inductance	1 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	22.9 A (Irms, 40C Rise By Self Heating)
Saturation Current	20 A (Isat, 20% Drop In Inductance), 27 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	3.34 mOhms
DC Resistance	3.34 mOhms
Self-Resonant Frequency	31 MHz

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