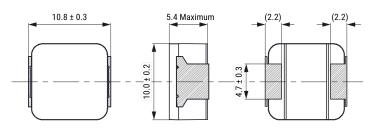


MPXV1D1054L470

Aliases (UPI2X11054V470)

KEMET, MPXV, Power, 47 uH, 20%, 1054(4340)



General Information	
Series	MPXV
Style	SMD
Chip Size	1054(4340)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Click here for the 3D model.

Dimensions		
L	10.8mm +/-0.3mm	
W	10mm +/-0.2mm	
Т	5.4mm MAX	
LL	2.2mm NOM	
G	4.7mm +/-0.3mm	

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

Specifications	
Inductance	47 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	3.7 A (Irms, 40C Rise By Self Heating), 3.4 A (Isat, 20% Drop In Inductance), 4.6 A (Isat, 30% Drop In Inductance)
DC Resistance	128.8 mOhms
Self-Resonant Frequency	4 MHz

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