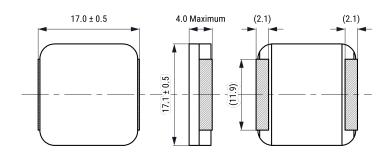


MPXV1D1740L470

Aliases (UPI2X11740V470)

KEMET, MPXV, Metal Composite, 20%, 47 uH, 1740(6868)



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.

Cli

Dimensions	
Chip Size	1740(6868)
AEC-Q200	Yes
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
Т	4mm MAX
G	11.9mm NOM

lick here for the 3D model.			Inductance	47 uH
			Inductance Tolerance	20%
Dimensions			Temperature Range	-55/+155°C
Chip Size	1740(6868)		Shielded	Yes
AEC-Q200	Yes		3.1101000	
L	17mm +/-0.5mm		Current	4 A (Irms, 40C Rise By Self Heating), 4.4 A (Isat, 20% Drop In Inductance), 6.5 A (Isat, 30% Drop In Inductance)
W	17.1mm +/-0.5mm			
Т	4mm MAX		DC Resistance	125.7 mOhms
G	11.9mm NOM		Self-Resonant Frequency	2.5 MHz

Specifications

Packaging Specifications				
Typical Component Weight	6.3 g			
Packaging	T&R, 330mm			
Packaging Quantity	100			

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