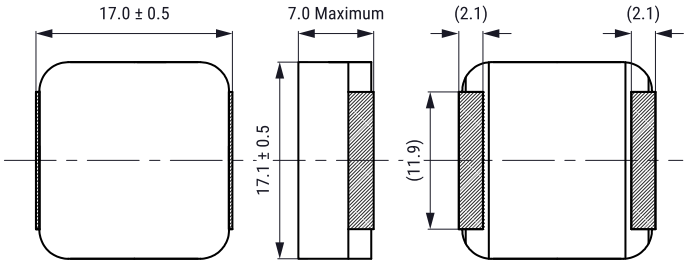
MPXV1D1770LR68

Aliases (UPI2X11770VR68)

KEMET, MPXV, Metal Composite, 20%, 680 nH



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

Click here for the 3D model.

Dimensions	
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
T	7mm MAX
G	11.9mm NOM

Packaging Specifications	
Typical Component Weight	11 g
Packaging	T&R, 330mm
Packaging Quantity	100

Specifications	
Inductance	0.68 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	50 A (Irms, 40C Rise By Self Heating)
Saturation Current	46 A (Isat, 20% Drop In Inductance), 68 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	1.05 mOhms
DC Resistance	1.05 mOhms
Self-Resonant Frequency	37 MHz

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