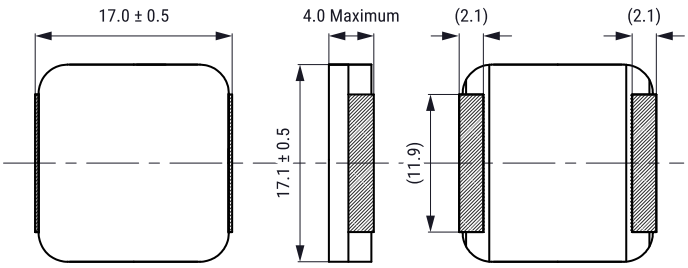
MPXV1D1740L150

Aliases (UPI2X11740V150)

KEMET, MPXV, Metal Composite, 20%, 15 uH



Click here for the 3D model.

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.

Dimensions	
L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
T	4mm MAX
G	11.9mm NOM

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

Specifications	
Inductance	15 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	7.5 A (Irms, 40C Rise By Self Heating)
Saturation Current	9 A (Isat, 20% Drop In Inductance), 13 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	35.2 mOhms
DC Resistance	35.2 mOhms
Self-Resonant Frequency	6 MHz

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