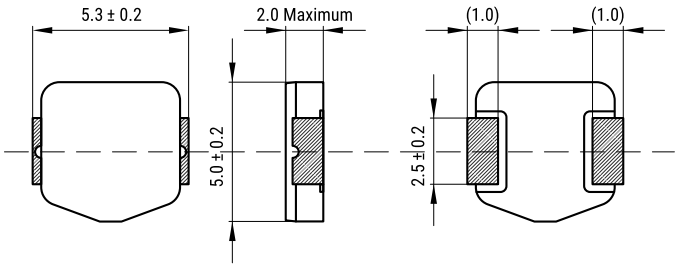
MPXV1D0520LR15

Aliases (UPI2X10520VR15)

KEMET, MPXV, Metal Composite, 20%, 150 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	5.3mm +/-0.2mm
W	5mm +/-0.2mm
T	2mm MAX
G	2.5mm +/-0.2mm

Packaging Specifications	
Typical Component Weight	230 mg
Packaging	T&R, 330mm
Packaging Quantity	3500

Specifications	
Inductance	0.15 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	16.9 A (Irms, 40C Rise By Self Heating)
Saturation Current	15.5 A (Isat, 20% Drop In Inductance), 22 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	3.9 mOhms
DC Resistance	3.9 mOhms
Self-Resonant Frequency	190 MHz

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