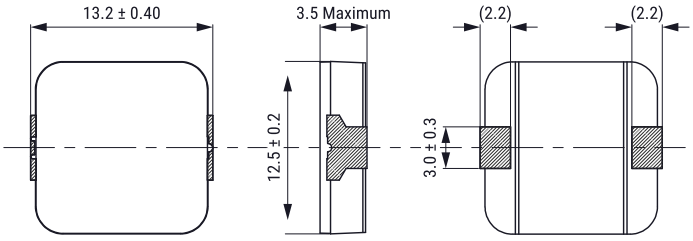
MPXV1D1235LR68

Aliases (UPI2X11235VR68)

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



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	13.2mm +/-0.4mm
W	12.5mm +/-0.2mm
T	3.5mm MAX
G	3mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	2.9 g
Packaging	T&R, 330mm
Packaging Quantity	500

Specifications	
Inductance	0.68 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	25.9 A (Irms, 40C Rise By Self Heating)
Saturation Current	28 A (Isat, 20% Drop In Inductance), 40 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	2.9 mOhms
DC Resistance	2.9 mOhms
Self-Resonant Frequency	46 MHz

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