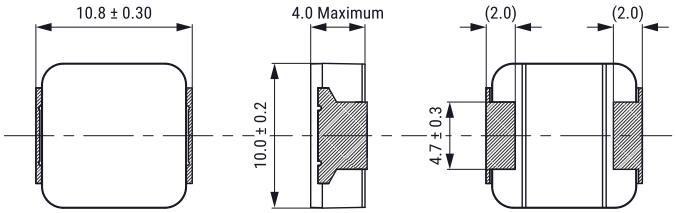
MPXV1D1040LR47

Aliases (UPI2X11040VR47)

KEMET, MPXV, Metal Composite, 20%, 470 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	10.8mm +/-0.3mm
W	10mm +/-0.2mm
T	4mm MAX
G	4.7mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	2.2 g
Packaging	T&R, 330mm
Packaging Quantity	500

Specifications	
Inductance	0.47 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	26.4 A (Irms, 40C Rise By Self Heating)
Saturation Current	29 A (Isat, 20% Drop In Inductance), 42 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	2.4 mOhms
DC Resistance	2.4 mOhms
Self-Resonant Frequency	65 MHz

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