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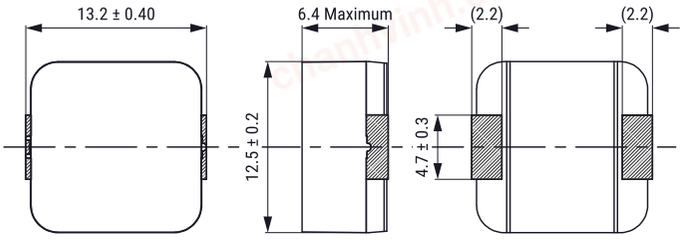
MPXV1D1264L4R7

Aliases (UPI2X11264V4R7)

KEMET, MPXV, Metal Composite, 20%, 4,700 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	13.2mm +/-0.4mm
W	12.5mm +/-0.2mm
T	6.4mm MAX
G	4.7mm +/-0.3mm

Packaging Specifications	
Typical Component Weight	5.5 g
Packaging	T&R, 330mm
Packaging Quantity	250

Specifications	
Inductance	4.7 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	17.1 A (Irms, 40C Rise By Self Heating)
Saturation Current	14 A (Isat, 20% Drop In Inductance), 19.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	8.2 mOhms
DC Resistance	8.2 mOhms
Self-Resonant Frequency	13 MHz

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