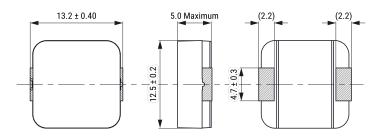


MPXV1D1250L4R7

Aliases (UPI2X11250V4R7)

KEMET, MPXV, Power, 4.7 uH, 20%, 1250(5350)



General Information	
Series	MPXV
Style	SMD
Chip Size	1250(5350)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Click here for the 3D model.

Dimensions	
L	13.2mm +/-0.4mm
W	12.5mm +/-0.2mm
Т	5mm MAX
LL	2.2mm NOM
G	4.7mm +/-0.3mm

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	250

Specifications	
Inductance	4.7 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	14.4 A (Irms, 40C Rise By Self Heating), 12 A (Isat, 20% Drop In Inductance), 17.5 A (Isat, 30% Drop In Inductance)
DC Resistance	10.1 mOhms
Self-Resonant Frequency	13 MHz

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