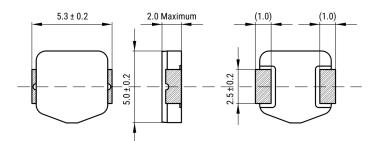


MPXV1D0520L4R7

Aliases (UPI2X10520V4R7)

KEMET, MPXV, Metal Composite, 20%, 4700 nH, 0520(2120)



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

Click here for the 3D model.

Dimensions	
Chip Size	0520(2120)
AEC-Q200	Yes
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
Т	2mm MAX
G	2.5mm +/-0.2mm

Packaging Specifications	

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

Specifications	
Inductance	4700 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	3.4 A (Irms, 40C Rise By Self Heating), 3.5 A (Isat, 20% Drop In Inductance), 4.5 A (Isat, 30% Drop In Inductance)
DC Resistance	96.6 mOhms
Self-Resonant Frequency	26 MHz

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