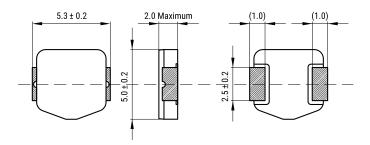


## MPXV1D0520L3R3

Aliases (UPI2X10520V3R3) KEMET, MPXV, Metal Composite, 20%, 3,300 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)
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
т	2mm MAX
G	2.5mm +/-0.2mm

## Packaging SpecificationsTypical Component Weight230 mgPackagingT&R, 330mmPackaging Quantity3500

Specifications	
Inductance	3.3 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	4.1 A (Irms, 40C Rise By Self Heating)
Saturation Current	3.5 A (Isat, 20% Drop In Inductance), 5.5 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	64.2 mOhms
DC Resistance	64.2 mOhms
Self-Resonant Frequency	34 MHz

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