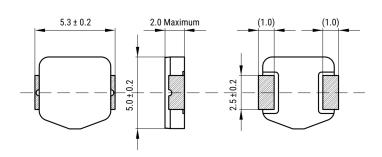


MPXV1D0520L1R0

Aliases (UPI2X10520V1RO)

KEMET, MPXV, Power, 1 uH, 20%, 0520(2120)



General Information	
Series	MPXV
Style	SMD
Chip Size	0520(2120)
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	5.3mm +/-0.2mm	
W	5mm +/-0.2mm	
Т	2mm MAX	
LL	1mm NOM	
G	2.5mm +/-0.2mm	

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	3500

Specifications	,
Inductance	1uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	7.6 A (Irms, 40C Rise By Self Heating), 7 A (Isat, 20% Drop In Inductance), 9 A (Isat, 30% Drop In Inductance)
DC Resistance	18.9 mOhms
Self-Resonant Frequency	62 MHz

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