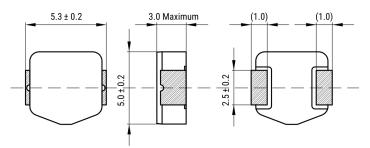


MPX1D0530L1R0

Aliases (UPI2X10530L1R0)

General Information

KEMET, MPX, Power, 1 uH, 20%, 0530(2120)



Series MPX Style SMD Chip Size 0530(2120) Description Surface Mount Inductor Features Power Inductors **RoHS** Yes Core Composite Miscellaneous 40 (K) Temperature Rise Max.

Click here for the 3D model.

Dimensions		Temperat Range
		Shielded
L	5.3mm +/-0.2mm	
W	5mm +/-0.2mm	Current
Т	3mm MAX	
LL	1mm NOM	DC Resista
G	2.5mm+/-0.2mm	Self-Reso

Specifications	
Inductance	1uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	10.7 A (Irms, 40C Rise By Self Heating), 7.5 A (Isat, 20% Drop In Inductance), 10.5 A (Isat, 30% Drop In Inductance)
DC Resistance	11.5 mOhms
Self-Resonant Frequency	52 MHz

Packaging Specifications		
Packaging	T&R, 330mm	
Packaging Quantity	2500	

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