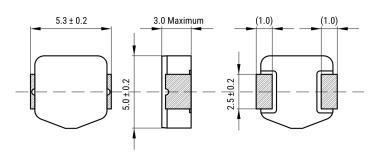


MPX1D0530L6R8

Aliases (UPI2X10530L6R8)

KEMET, MPX, Power, 6.8 uH, 20%, 0530(2120)



General information		
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	
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
Т	3mm MAX
LL	1mm NOM
G	2.5mm +/-0.2mm

Specifications	
Inductance	6.8 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	3.5 A (Irms, 40C Rise By Self Heating), 2.5 A (Isat, 20% Drop In Inductance), 4 A (Isat, 30% Drop In Inductance)
DC Resistance	107.8 mOhms
Self-Resonant Frequency	23 MHz

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

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