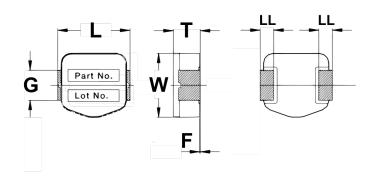


MPLCG0530L1R0 Aliases (UPIE0530L1R000)

linformation

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



Click here for the 3D model.

Dimensions	
L	5.5mm MAX
W	5mm +/-0.2mm
Т	3mm MAX
LL	1.1mm NOM
G	2.5mm +/-0.2mm

General information	
Series	MPLCG
Style	SMD
Chip Size	0530(2120)
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications	
Inductance	1uH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	5.6 A (Isat, 20% Drop In Inductance), 7.4 A (Irms, 40C Rise By Self Heating)
DC Resistance	14.6 mOhms

Packaging	Specifications
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	T&R, 380mm
Packaging Quantity 3500	3500

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