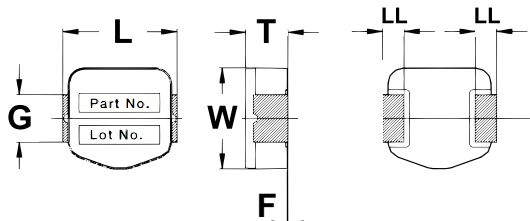


**KEMET Part Number: MPLCG0530L1R0**  
(UPIE0530L1R000)

Power, MPLCG, 1000 nH, 20%



Dimensions	
Chip Size	2220
L	5.5mm MAX
W	5mm +/-0.2mm
T	3mm MAX
LL	1.1mm NOM
F	0.1mm NOM
G	2.5mm +/-0.2mm

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

General Information	
Style:	SMD Chip
Series:	MPLCG
Description:	Shielded, Surface Mount Inductor
Features:	Large Current Inductors
RoHS:	Yes
Core:	Composite

Specifications	
Inductance:	1 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-20/+120C
Shielded:	Yes
Current:	5600 mAmps (Isat, 20% Drop In Inductance), 7400 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance:	14.6 mOhms