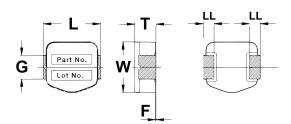
KEMET Part Number: MPLCG0530L1R0

(UPIE0530L1R000)



Power, MPLCG, 1000 nH, 20%



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

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

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

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

