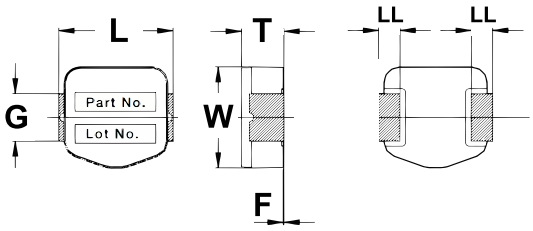
KEMET Part Number: MPLCG0630L1R0

(UPIE0630L1R000)

KEMET, MPLCG, Power, 1000 nH, 20%



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

Dimensions	
Chip Size	3026
L	7.5mm MAX
W	6.7mm +/-0.2mm
T	3mm MAX
LL	1.4mm NOM
G	3.2mm +/-0.2mm

Specifications	
Inductance:	1 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Rated Temperature:	120C
Shielded:	Yes
Current:	11.3 A (Isat, 20% Drop In Inductance), 11.9 A (Irms, 40C Rise By Self Heating)
DC Resistance:	9 mOhms

Packaging Specifications	
Packaging:	T&R, 380mm
Packaging Quantity:	2000

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