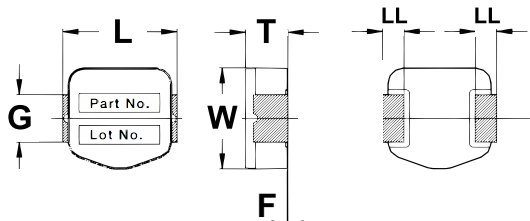


**KEMET Part Number: MPLCG0630LR47**  
(UPIE0630LR4700)

Power, MPLCG, 470 nH, 20%



Dimensions	
Chip Size	3026
L	7.5mm MAX
W	6.7mm +/-0.2mm
T	3mm MAX
LL	1.4mm NOM
F	0.1mm NOM
G	3.2mm +/-0.2mm

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

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

Specifications	
Inductance:	0.47 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-20/+120C
Shielded:	Yes
Current:	15600 mAmps (Isat, 20% Drop In Inductance), 15800 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance:	5 mOhms