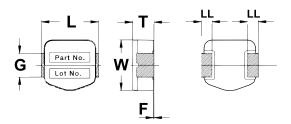
## **KEMET Part Number: MPLCG0630L3R3**

(UPIE0630L3R300)



## KEMET, MPLCG, Power, 3300 nH, 20%



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

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

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.	

Specifications		
Inductance:	3.3 uH (0.1 MHz)	
Inductance Tolerance:	20%	
Temperature Range:	-40/+125C	
Rated Temperature:	120C	
Shielded:	Yes	
Current:	6.3 A (Isat, 20% Drop In Inductance), 6.5 A (Irms, 40C Rise By Self Heating)	
DC Resistance:	30 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.

