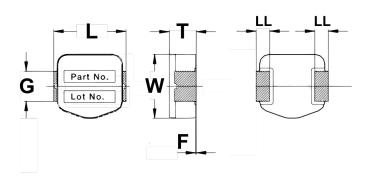


## MPLCG0630L1R0

Aliases (UPIE0630L1R000)

KEMET, MPLCG, Power, 1uH, 20%, 0630(2826)



Click here for the 3D model.

Dimensions		
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

Series MPLCG Style SMD Chip Size 0630(2826) Description Shielded, Surface Mount Inductor Features Large Current Inductors RoHS Yes Core Composite	General Information		
Chip Size 0630(2826)  Description Shielded, Surface Mount Inductor  Features Large Current Inductors  RoHS Yes  Core Composite	Series	MPLCG	
Description Shielded, Surface Mount Inductor Features Large Current Inductors RoHS Yes Core Composite	Style	SMD	
Features Large Current Inductors  RoHS Yes  Core Composite	Chip Size	0630(2826)	
RoHS Yes Core Composite	Description	Shielded, Surface Mount Inductor	
Core Composite	Features	Large Current Inductors	
·	RoHS	Yes	
AC (IC Towns of the Disc Ma	Core	Composite	
Miscellaneous 40 (K) Temperature Rise Max.	Miscellaneous	40 (K) Temperature Rise Max.	

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