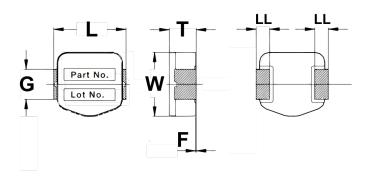


MPLCG0530LR47

Aliases (UPIE0530LR4700)

KEMET, MPLCG, Power, 0.47 uH, 20%, 0530(2120)



Click here for the 3D model.

Dimensions	
L	5.5mm MAX
W	5mm +/-0.2mm
Т	3mm MAX
LL	1.1mm NOM
G	2.5mm +/-0.2mm

Packaging Specifications			
Typical Component Weight	350 mg		
Packaging	T&R, 380mm		
Packaging Quantity	3500		

General Information		
Series	MPLCG	
Style	SMD	
Chip Size	0530(2120)	
Description	Shielded, Surface Mount Inductor	
Features	Large Current Inductors	
RoHS	Yes	
Core	Composite	
Miscellaneous	40 (K) Temperature Rise Max.	

Specifications	
Inductance	0.47 uH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	8.7 A (Isat, 20% Drop In Inductance), 9.3 A (Irms, 40C Rise By Self Heating)
DC Resistance	5 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.