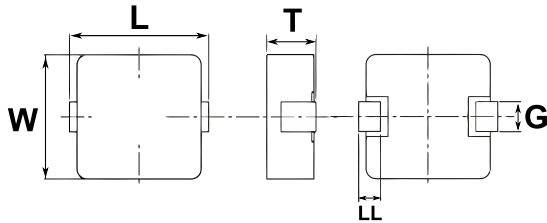


KEMET Part Number: MPC1055L1R0C **Not for New Design**
 (UPIA1055L1R0C0)



KEMET, MPC, Power, 1 uH, 20%, 4639



Dimensions

Dimension	Value
L	11.7mm MAX
W	10mm +/-0.3mm
T	5.5mm MAX
LL	2.1mm NOM
G	3mm +/-0.5mm

Packaging Specifications

Packaging:	T&R, 380mm
Packaging Quantity:	500

General Information

Series:	MPC
Style:	SMD
Chip Size:	4639
Description:	Shielded, Surface Mount Inductor
Features:	High Speed, Large Current DC/DC Converter
RoHS:	Yes
Core:	Composite

Specifications

Inductance:	1 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125°C
Rated Temperature:	120°C
Shielded:	Yes
Current:	21 Amps (Isat, 20% Drop In Inductance), 18.5 Amps (Irms, 40C Rise By Self Heating)
DC Resistance:	2.3 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.

