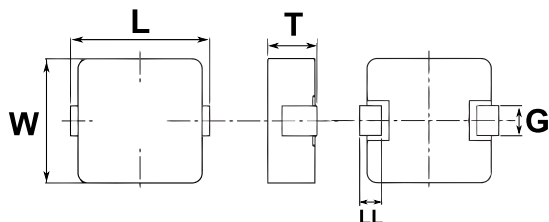


KEMET Part Number: MPC1055L1R0C Not for New Design
(UPIA1055L1R0C0)

KEMET, MPC, Power, 1000 nH, 20%



Dimensions

Chip Size	4639
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
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/+125C
Rated Temperature:	120C
Shielded:	Yes
Current:	21 Amps (Isat, 20% Drop In Inductance), 18.5 Amps (Irms, 40C Rise By Self Heating)
DC Resistance:	2.3 mOhms