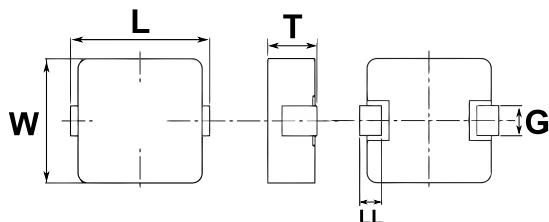


KEMET Part Number: MPC1055L1R0C
(UPIA1055L1R0C0)

Power, MPC, 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

Style:	SMD Chip
Series:	MPC
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:	-20/+120C
Shielded:	Yes
Current:	21000 mAmps (Isat, 20% Drop In Inductance), 18500 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance:	2.3 mOhms