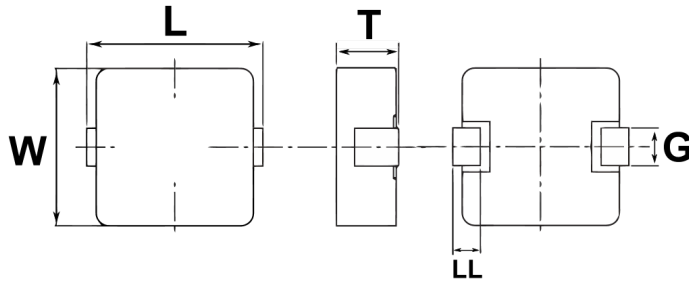


MPC1055L1ROC

Aliases (UPIA1055L1ROCO)

Not for New Design

KEMET, MPC, Metal Composite, 20%, 1000 nH, 4639



Click [here](#) for the 3D model.

Dimensions

Chip Size	4639
L	11.7mm MAX
W	10mm +/-0.3mm
T	5.5mm MAX
G	3mm +/-0.5mm

Packaging Specifications

Packaging	T&R, 380mm
Packaging Quantity	500

General Information

Series	MPC
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	High Speed, Large Current DC/DC Converter
RoHS	Yes

Specifications

Inductance	1000 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	true
Current	21 Amps (Isat, 20% Drop In Inductance), 18.5 Amps (Irms, 40C Rise By Self Heating)
DC Resistance	2.3 mOhms