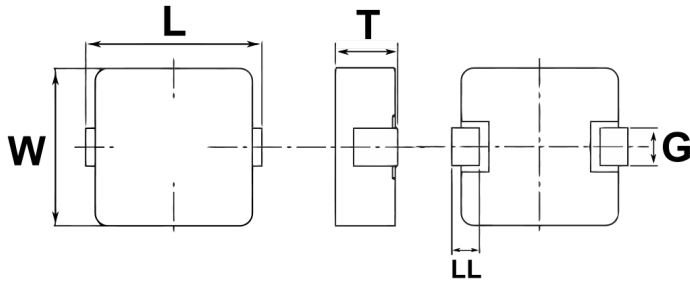


MPLC1040L1R0

Aliases (UPID1040L1R000)

Not for New Design

KEMET, MPLC, Metal Composite, 20%, 1000 nH, 4539



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

Dimensions

Chip Size	4539
L	11.5mm MAX
W	10mm +/-0.2mm
T	4mm MAX
G	4mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	500

General Information

Series	MPLC
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes

Specifications

Inductance	1000 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Shielded	true
Current	16.2 Amps (Isat, 20% Drop In Inductance), 14.3 Amps (Irms, 40C Rise By Self Heating)
DC Resistance	5.5 mOhms