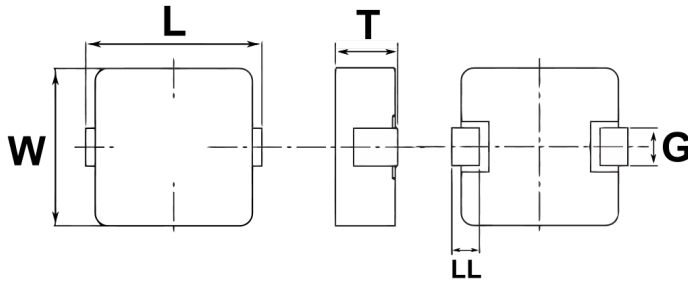


## MPLC1040L1R5

Aliases (UPID1040L1R500)

Not for New Design

KEMET, MPLC, Metal Composite, 20%, 1500 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	1500 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Shielded	true
Current	12.7 Amps (Isat, 20% Drop In Inductance), 12.4 Amps (Irms, 40C Rise By Self Heating)
DC Resistance	7 mOhms