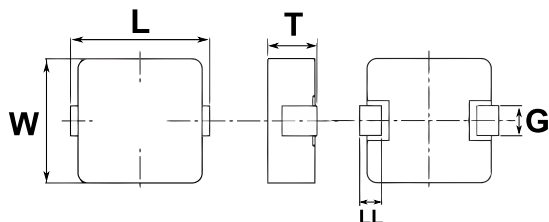


KEMET Part Number: MPLC1040L1R5 Not for New Design
(UPID1040L1R500)

KEMET, MPLC, Power, 1500 nH, 20%



Dimensions

Chip Size	4539
L	11.5mm MAX
W	10mm +/-0.2mm
T	4mm MAX
LL	2.1mm NOM
G	4mm +/-0.1mm

Packaging Specifications

Packaging:	T&R, 330mm
Packaging Quantity:	500

General Information

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

Specifications

Inductance:	1.5 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Shielded:	Yes
Current:	12.7 Amps (Isat, 20% Drop In Inductance), 12.4 Amps (Irms, 40C Rise By Self Heating)
DC Resistance:	7 mOhms