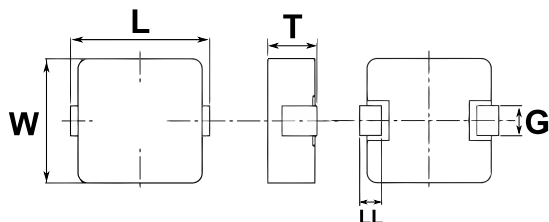


KEMET Part Number: MPLC1040L1R5
(UPID1040L1R500)

Power, MPLC, 1500 nH, 20%



Dimensions

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

Style:	SMD Chip
Series:	MPLC
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:	-20/+120C
Shielded:	Yes
Current:	12700 mAmps (Isat, 20% Drop In Inductance), 12400 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance:	7 mOhms