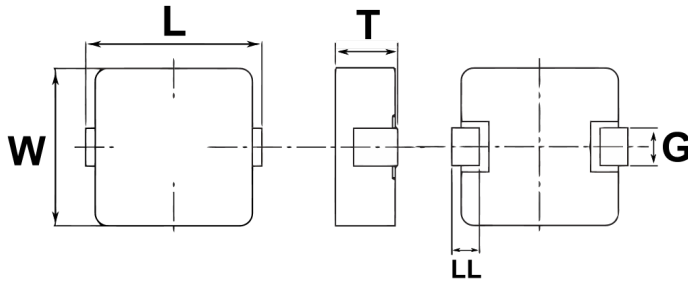


MPLCH0740L1R5

Aliases (UPIF0740L1R500)

Not for New Design

KEMET, MPLCH, Metal Composite, 20%, 1500 nH, 3126



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

Dimensions

Chip Size	3126
L	7.8mm MAX
W	6.7mm +/-0.2mm
T	4mm MAX
G	3.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

General Information

Series	MPLCH
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	1500 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Shielded	true
Current	10.8 A (Isat, 30% Drop In Inductance), 11.1 A (Irms, 40C Rise By Self Heating)
DC Resistance	9 mOhms