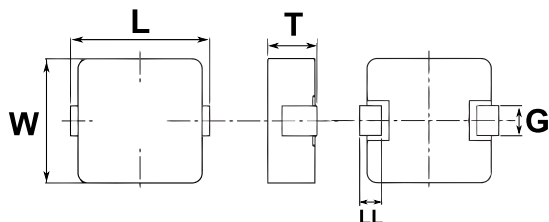


**KEMET Part Number: MPLCH0740L1R5** **Not for New Design**  
(UPIF0740L1R500)

KEMET, MPLCH, Power, 1500 nH, 20%



#### Dimensions

Chip Size	3126
L	7.8mm MAX
W	6.7mm +/-0.2mm
T	4mm MAX
LL	1.4mm NOM
G	3.2mm +/-0.1mm

#### Packaging Specifications

Packaging:	T&R, 330mm
Packaging Quantity:	1000

#### General Information

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

#### Specifications

Inductance:	1.5 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Shielded:	Yes
Current:	10.8 A (Isat, 30% Drop In Inductance), 11.1 A (Irms, 40C Rise By Self Heating)
DC Resistance:	9 mOhms