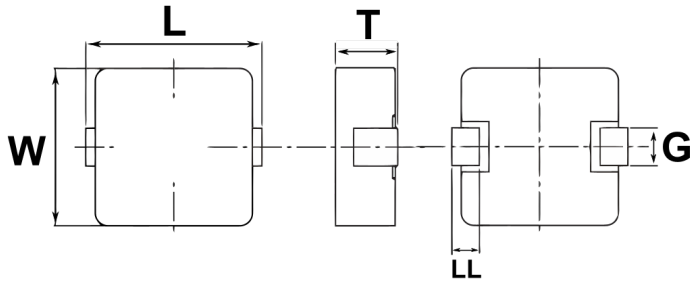


## MPCH1040L1R0

Aliases (UPIC1040L1R000)

KEMET, MPCH, Power, 1 uH, 20%, 1040(4340)



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

### Dimensions

L	11.5mm MAX
W	10mm +/-0.3mm
T	4mm MAX
LL	2.1mm NOM
G	3mm +/-0.5mm

### Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

### General Information

Series	MPCH
Style	SMD
Chip Size	1040(4340)
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

### Specifications

Inductance	1 uH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	17 A (Isat, 20% Drop In Inductance), 17 A (Irms, 40C Rise By Self Heating)
DC Resistance	2.3 mOhms