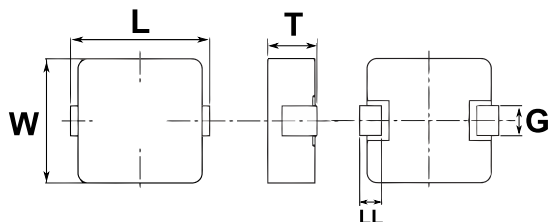


**KEMET Part Number: MPCH1055L1R3**  
(UPIC1055L1R300)

KEMET, MPCH, Power, 1300 nH, 20%



**Dimensions**

Dimensions	
Chip Size	4639
L	11.7mm MAX
W	10mm +/-0.3mm
T	5.5mm MAX
LL	2.1mm NOM
G	3mm +/-0.5mm

**Packaging Specifications**

Packaging:	T&R, 380mm
Packaging Quantity:	500

**General Information**

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

**Specifications**

Inductance:	1.3 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Rated Temperature:	120C
Shielded:	Yes
Current:	17 A (Isat, 20% Drop In Inductance), 18.5 A (Irms, 40C Rise By Self Heating)
DC Resistance:	2.3 mOhms