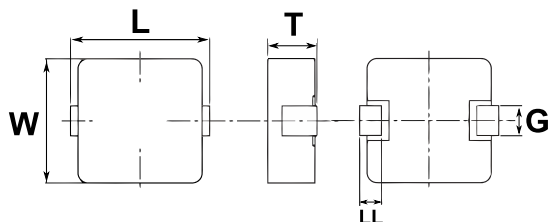


**KEMET Part Number: MPCH1250L1R5**  
(UPIC1250L1R500)

KEMET, MPCH, Power, 1500 nH, 20%



#### Dimensions

Dimensions	
Chip Size	5649
L	14.3mm MAX
W	12.5mm +/-0.3mm
T	5mm MAX
LL	2.2mm NOM
G	2.5mm NOM

#### 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:	1.5 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Rated Temperature:	120C
Shielded:	Yes
Current:	21 A (Isat, 20% Drop In Inductance), 21 A (Irms, 40C Rise By Self Heating)
DC Resistance:	2.2 mOhms