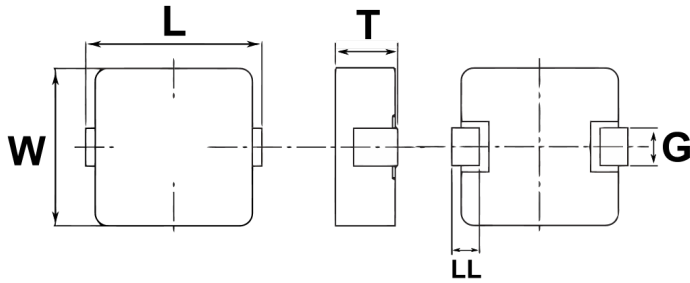


MPCH1250L1R5

Aliases (UPIC1250L1R500)

KEMET, MPCH, Metal Composite, 20%, 1500 nH, 1250(5350)



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

Dimensions

Chip Size	1250(5350)
L	14.3mm MAX
W	12.5mm +/-0.3mm
T	5mm MAX
G	2.5mm NOM

Packaging Specifications

Typical Component Weight	4.3 g
Packaging	T&R, 380mm
Packaging Quantity	500

General Information

Series	MPCH
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
Rated Temperature	120°C
Shielded	true
Current	21 A (Isat, 20% Drop In Inductance), 21 A (Irms, 40C Rise By Self Heating)
DC Resistance	2.2 mOhms