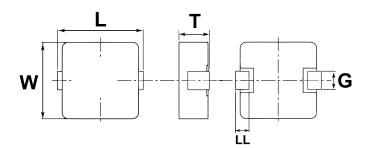


MPCH1055L1R3 Aliases (UPIC1055L1R300) KEMET, MPCH, Metal Composite, 20%, 1,300 nH, 1055(4639)



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.

Click here for the 3D model.

Dimensions	
Chip Size	1055(4639)
L	11.7mm MAX
W	10mm +/-0.3mm
т	5.5mm MAX
G	3mm +/-0.5mm

Packaging Specifications	
Typical Component Weight	3.4 g
Packaging	T&R, 380mm
Packaging Quantity	500

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

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