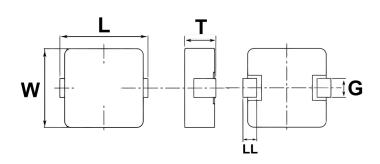


## MPCH1055L1R3

Aliases (UPIC1055L1R300)

KEMET, MPCH, Power, 1.3 uH, 20%, 1055(4639)



Click here for the 3D model.

Dimensions	
L	11.7mm MAX
W	10mm +/-0.3mm
Т	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	
Chip Size	1055(4639)	
Description	Shielded, Surface Mount Inductor	
Features	Large Current Inductors	
RoHS	Yes	
Core	Composite	
Miscellaneous	40 (K) Temperature Rise Max.	

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.