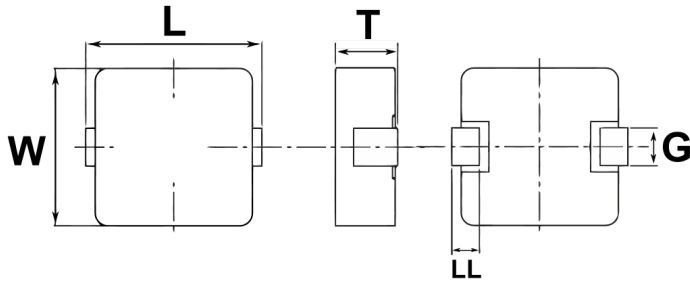


## MPCH1040LR68

Aliases (UPIC1040LR6800)

KEMET, MPCH, Metal Composite, 20%, 680 nH, 1040(4340)



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

Dimensions	
Chip Size	1040(4340)
L	11.5mm MAX
W	10mm +/-0.3mm
T	4mm MAX
G	3mm +/-0.5mm

Packaging Specifications	
Typical Component Weight	2.3 g
Packaging	T&R, 330mm
Packaging Quantity	1000

General Information	
Series	MPCH
Style	SMD Molded
Core	Metal Composite
Description	Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

Specifications	
Inductance	680 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	24 A (Isat, 20% Drop In Inductance), 22 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.