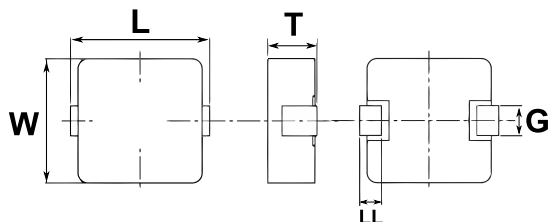


**KEMET Part Number: MPC1055LR36C** Not for New Design  
(UPIA1055LR36C0)

KEMET, MPC, Power, 360 nH, 20%



#### Dimensions

Chip Size	4639
L	11.7mm MAX
W	10mm +/-0.3mm
T	5.5mm MAX
LL	2.1mm NOM
G	3.5mm +/-0.5mm

#### Packaging Specifications

Packaging:	T&R, 380mm
Packaging Quantity:	500

#### General Information

Series:	MPC
Style:	SMD
Description:	Shielded, Surface Mount Inductor
Features:	High Speed, Large Current DC/DC Converter
RoHS:	Yes
Core:	Composite

#### Specifications

Inductance:	0.36 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Rated Temperature:	120°C
Shielded:	Yes
Current:	35 Amps (Isat, 20% Drop In Inductance), 32 Amps (Irms, 40C Rise By Self Heating)
DC Resistance:	0.75 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.

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