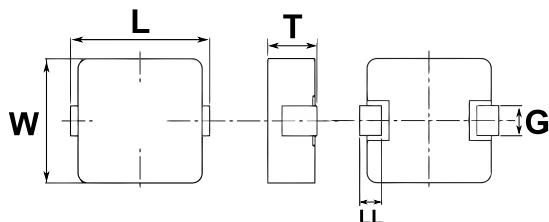


**KEMET Part Number: MPCG1040LR36**  
(UPIB1040LR3600)

Power, MPCG, 360 nH, 20%



#### Dimensions

Chip Size	4539
L	11.5mm MAX
W	10mm +/-0.3mm
T	4mm MAX
LL	2.1mm NOM
G	3.5mm +/-0.5mm

#### Packaging Specifications

Packaging:	T&R, 330mm
Packaging Quantity:	500

#### General Information

Style:	SMD Chip
Series:	MPCG
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:	-20/+120C
Shielded:	Yes
Current:	30000 mAmps (Isat, 20% Drop In Inductance), 25500 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance:	1.05 mOhms