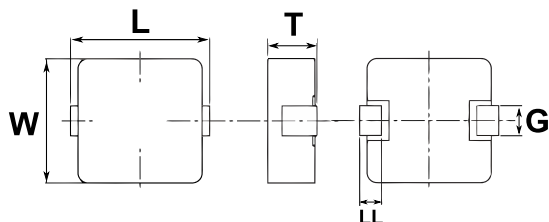


**KEMET Part Number: MPC0750LR68C** Not for New Design  
(UPIA0750LR68C0)

KEMET, MPC, Power, 680 nH, 20%



#### Dimensions

Chip Size	3126
L	8mm MAX
W	6.7mm +/-0.3mm
T	5mm MAX
LL	1.5mm NOM
G	2mm +/-0.3mm

#### Packaging Specifications

Packaging:	T&R, 330mm
Packaging Quantity:	1000

#### 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:	0.68 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Rated Temperature:	120C
Shielded:	Yes
Current:	16 Amps (Isat, 20% Drop In Inductance), 18 Amps (Irms, 40C Rise By Self Heating)
DC Resistance:	2.2 mOhms