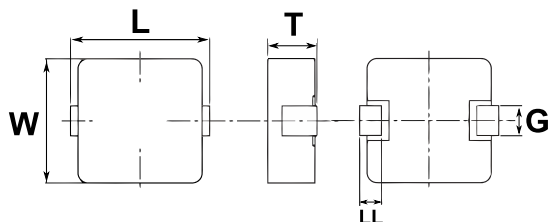


KEMET Part Number: MPC1040LR45C Not for New Design
(UPIA1040LR45C0)

KEMET, MPC, Power, 450 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

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

Specifications

Inductance:	0.45 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Rated Temperature:	120C
Shielded:	Yes
Current:	27 Amps (Isat, 20% Drop In Inductance), 25 Amps (Irms, 40C Rise By Self Heating)
DC Resistance:	1.1 mOhms