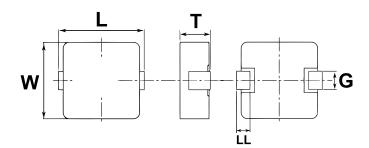


## MPCG1040LR45

Aliases (UPIB1040LR4500) Not for New Design KEMET, MPCG, Metal Composite, 20%, 450 nH, 4539



General Information	
Series	MPCG
Style	SMD Molded
Core	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	High Speed, Large Current DC/ DC Converter
RoHS	Yes

## Click here for the 3D model.

Dimensions	
Chip Size	4539
L	11.5mm MAX
W	10mm +/-0.3mm
т	4mm MAX
G	3.5mm +/-0.5mm

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

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

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