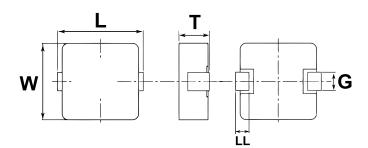


MPC1055L1R0C

Aliases (UPIA1055L1R0C0) Not for New Design KEMET, MPC, Metal Composite, 20%, 1,000 nH, 4639



General Information	
Series	MPC
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	4639
L	11.7mm MAX
W	10mm +/-0.3mm
т	5.5mm MAX
G	3mm +/-0.5mm

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

Specifications	
Inductance	1 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	18.5 Amps (Irms, 40C Rise By Self Heating)
Saturation Current	21 Amps (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
DC Resistance	2.3 mOhms
DC Resistance	2.3 mOhms

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