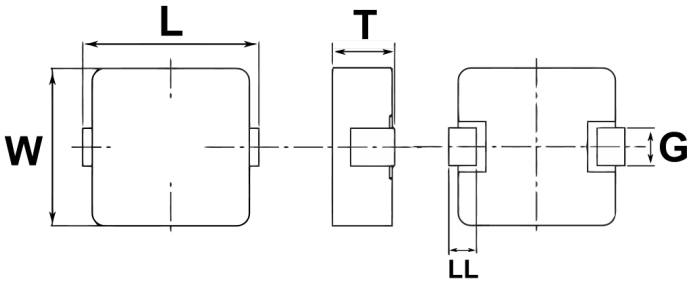


MPC1040LR56C

Aliases (UPIA1040LR56C0)

Not for New Design

KEMET, MPC, SMD, 560 nH, 20%, 4539



Click [here](#) for the 3D model.

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	Metal Composite
Description	Shielded, Surface Mount Inductor
Features	High Speed, Large Current DC/DC Converter
RoHS	Yes
Core	Composite

Specifications	
Inductance	560 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	25 Amps (Isat, 20% Drop In Inductance), 23 Amps (Irms, 40C Rise By Self Heating)
DC Resistance	1.3 mOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.