

L1007C100MDWIT

Aliases (L1007C100MDWIT)

Not for New Design

KEMET, L-DWI, Power, 10 uH, 20%



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

Dimensions

Chip Size	1007
L	2.5mm +/-0.2mm
W	1.8mm +/-0.2mm
T	1.8mm +/-0.2mm
LL	0.5mm +/-0.2mm
B	0.5mm +/-0.2mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	2000

General Information

Series	L-DWI
Style	SMD Chip
Description	Surface Mount Inductor
Features	High Current Type
RoHS	Yes
Notes	Last Order Date June 30, 2023.

Specifications

Inductance	10 uH (2.52 MHz)
Inductance Tolerance	20%
Temperature Range	-40/+105°C
Current	480 mAmps (Isat, 30% Drop In Inductance), 680 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	0.36 Ohms
Self-Resonant Frequency	30 MHz

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