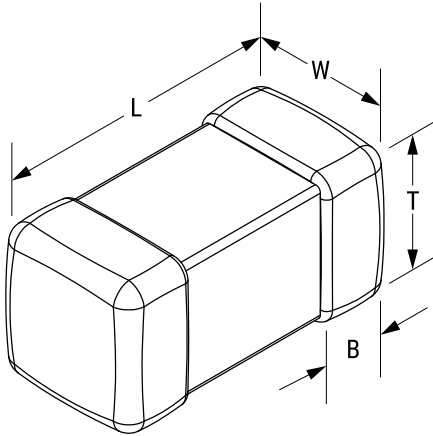


L1007C100MDWIT

Aliases (L1007C100MDWIT)

Obsolete

KEMET, L-DWI, Ferrite, 20%, 10 uH, 1007



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

General Information

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

Dimensions

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

Packaging Specifications

Packaging	T&R
Packaging Quantity	2000

Specifications

Inductance	10 uH (2.52 MHz)
Inductance Tolerance	20%
Rated Current	680 mAmps (Irms, 40C Rise By Self Heating)
Saturation Current	480 mAmps (Isat, 30% Drop In Inductance)
Temperature Range	-40/+105°C
DC Resistance	360 mOhms
DC Resistance	0.36 Ohms
Self-Resonant Frequency	30 MHz

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.