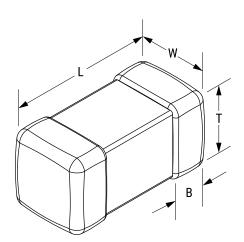


L1007C101MDWIT

Aliases (L1007C101MDWIT)

Obsolete

KEMET, L-DWI, Ferrite, 20%, 100 uH, 1007



Click	here	for	the	3D	model.
CIICK	11010	101	uic	$^{-}$	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	100 uH (0.796 MHz)
Inductance Tolerance	20%
Rated Current	170 mAmps (Irms, 40C Rise By Self Heating)
Saturation Current	160 mAmps (Isat, 30% Drop In Inductance)
Temperature Range	-40/+105°C
DC Resistance	3.7 Ohms
DC Resistance	3.7 Ohms
Self-Resonant Frequency	9 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.

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