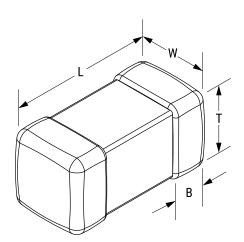


L1007C100KDWST

Aliases (L1007C100KDWST)

Obsolete

KEMET, L-DWS, Ferrite, 10%, 10 uH, 1007



Click	here	for	the	3D	model
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General Information	
Series	L-DWS
Style	SMD Wire-Wound
Core	Ferrite
Description	Surface Mount Inductor
Features	Standard Type
RoHS	Yes
Notes	Last Order Date June 30, 2023.

Dimensions				
Chip Size	1007			
L	2.5mm +/-0.2mm			
W	1.8mm +/-0.2mm			
Т	1.8mm +/-0.2mm			
Packaging Specifications				
Packaging	T&R			
Packaging Quantity	2000			

Specifications	
Inductance	10 uH (2.52 MHz)
Inductance Tolerance	10%
Inductance	10 uH
Temperature Range	-40/+105°C
Current	250 mAmps (Isat, 30% Drop In Inductance), 820 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	250 mOhms
DC Resistance	0.25 Ohms
Self-Resonant Frequency	30 MHz MIN

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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