

# **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

TDK Corporation CLF10040T-331M-CA

For any questions, you can email us directly: sales@integrated-circuit.com



### Distributor of TDK Corporation: Excellent Integrated System Limited

Datasheet of CLF10040T-331M-CA - FIXED IND 330UH 530MA 1.032 OHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

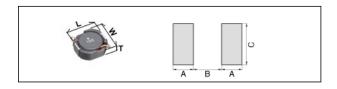
# Inductors(Coils)

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Creation Date :December 29 2015

# CLF10040T-331M-CA

Applications	<b>Æ</b>	Automotive Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
	AEC-Q200	AEC-Q200
Series	CLF-CA Series / CLF10040-CA Type	
Status	Production	1









Size				
Length(L)	10.00mm +/-0.30mm			
Width(W)	9.70mm +/-0.30mm			
Thickness(T)	3.80mm +/-0.30mm			
Recommended Land Pattern (A)	2.50mm Nom.			
Recommended Land Pattern (B)	5.60mm Nom.			
Recommended Land Pattern (C)	3.20mm Nom.			

Electrical Characteristics					
Inductance	330uH +/-20% at 100kHz				
Rated Current (L Change) [Typ.]	700mA (10% Down)				
Rated Current (Temperature Rise) [Typ.]	530mA (30degC Rise)				
DC Resistance [Nom.]	860mΩ				
DC Resistance [Max.]	1.032Ω				

Other					
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC				
Soldering Method	Reflow, Iron Soldering				
AEC Q200	Yes				
Packing	Blister (Plastic)Taping [330mm Reel]				
Package Quantity	800Pcs Min.				
Weight	1.3g				

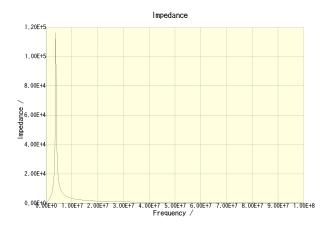
•This PDF document was created based on the data listed on the TDK Corporation website.

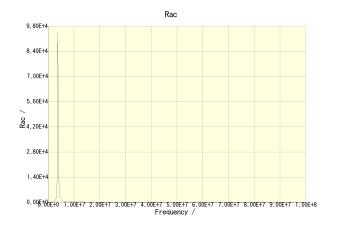
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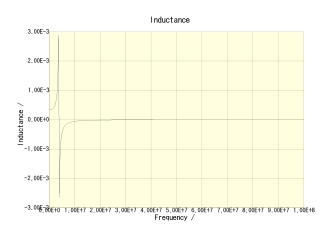
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

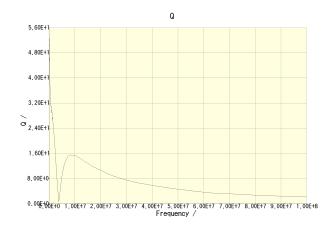




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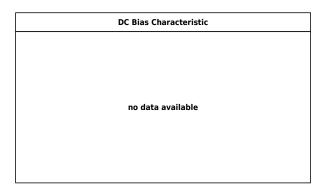
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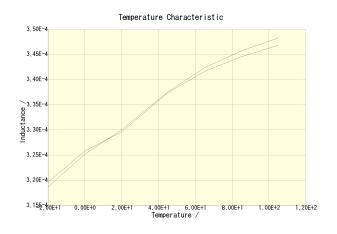
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CLF10040T-331M-CA(DC = 0A)

CLF10040T-331M-CA(DC = 0.265A)

Temperature Rise by DC	
no data available	