

Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation CLF10040T-1R5N-CA

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

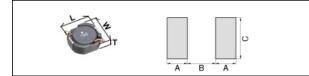


Distributor of TDK Corporation: Excellent Integrated System Limited Datasheet of CLF10040T-1R5N-CA - FIXED IND 1.5UH 5.8A 9.23 MOHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

CLF10040T-1R5N-CA

1 of 3 Creation Date :December 29 2015

Applications	₩.	Automotive Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
	AEC-Q200	AEC-Q200
Series	CLF-CA Ser	ries / CLF10040-CA Type
Status	Production	





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	1.5uH +/-30% at 100kHz		
Rated Current (L Change) [Typ.]	10.6A (10% Down)		
Rated Current (Temperature Rise) [Typ.]	5.8A (30degC Rise)		
DC Resistance [Nom.]	7.1mΩ		
DC Resistance [Max.]	9.23mΩ		

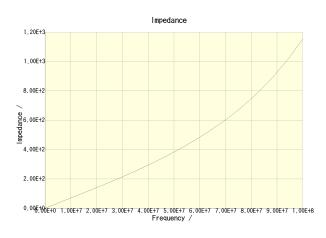
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	800Pcs Min.
Weight	1.3g

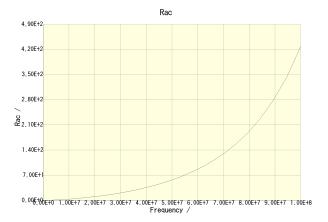


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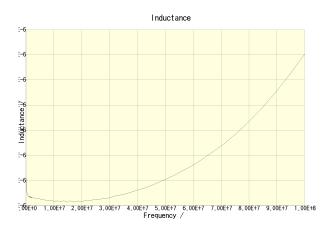
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

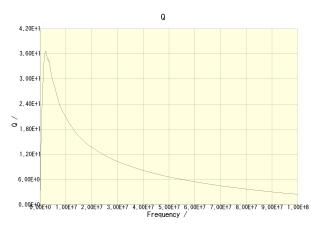




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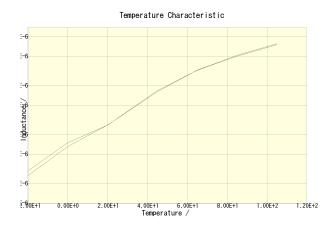


CLF10040T-1R5N-CA

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

	DC Bias Characteristic
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	no data available



CLF10040T-1R5N-CA(DC = 0A)

CLF10040T-1R5N-CA(DC = 2.9A)

