

Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation CLF10040T-2R2N-CA

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

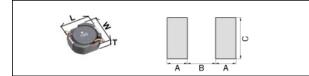


Distributor of TDK Corporation: Excellent Integrated System Limited Datasheet of CLF10040T-2R2N-CA - FIXED IND 2.2UH 5A 12.61 MOHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

CLF10040T-2R2N-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 Series / 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	2.2uH +/-30% at 100kHz			
Rated Current (L Change) [Typ.]	7.5A (10% Down)			
Rated Current (Temperature Rise) [Typ.]	5A (30degC Rise)			
DC Resistance [Nom.]	9.7mΩ			
DC Resistance [Max.]	12.61mΩ			

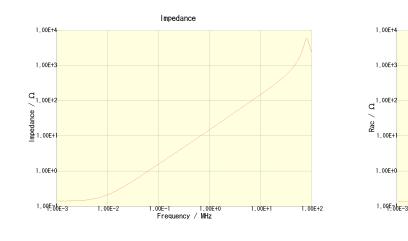
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	800Pcs Min.
Weight	1.3g



CLF10040T-2R2N-CA

2 of 3 Creation Date :December 29 2015

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

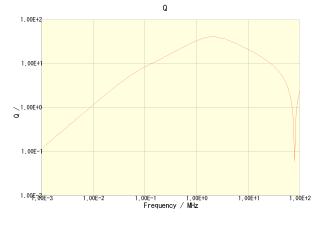


CLF10040T-2R2N-CA



1.00E-2





Rac

1.00E-1 1.00E+0 Frequency / MHz 1.00E+1

1.00E+2

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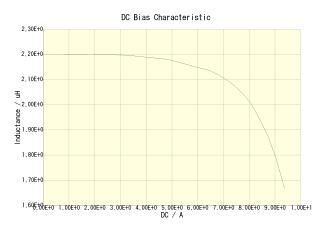
•This PDF document was created based on the data listed on the TDK Corporation website.

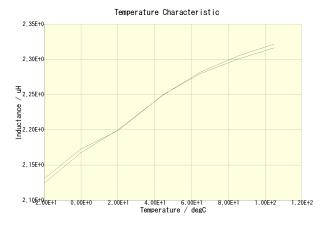


CLF10040T-2R2N-CA

3 of 3 Creation Date :December 29 2015

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





CLF10040T-2R2N-CA(Amb. Temp. = 20degc)

CLF10040T-2R2N-CA(DC = 0A)

CLF10040T-2R2N-CA(DC = 2.5A)



CLF10040T-2R2N-CA(Amb. Temp. = 20degc)