

Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation CLF7045T-1R5N-CA

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



Distributor of TDK Corporation: Excellent Integrated System Limited

Datasheet of CLF7045T-1R5N-CA - FIXED IND 1.5UH 4.9A 14.3 MOHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Inductors(Coils)

Production

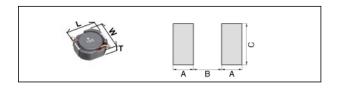
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Creation Date :January 26 2016

CLF7045T-1R5N-CA

Status

Applications	Æ	Automotive Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
	AEC-Q200	AEC-Q200
Series	CLF-CA Series / CLF7045-CA Type	









Size				
Length(L)	7.20mm +/-0.20mm			
Width(W)	6.90mm +/-0.20mm			
Thickness(T)	4.50mm +/-0.30mm			
Recommended Land Pattern (A)	1.70mm Nom.			
Recommended Land Pattern (B)	4.40mm Nom.			
Recommended Land Pattern (C)	2.20mm Nom.			

Electrical Characteristics				
Inductance	1.5uH +/-30% at 100kHz			
Rated Current (L Change) [Typ.]	7.3A (10% Down)			
Rated Current (Temperature Rise) [Typ.]	4.9A (30degC Rise)			
DC Resistance [Nom.]	11mΩ			
DC Resistance [Max.]	14.3mΩ			

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	1000Pcs Min.			
Weight	0.8g			

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

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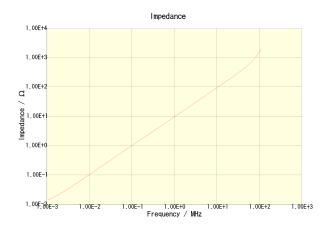
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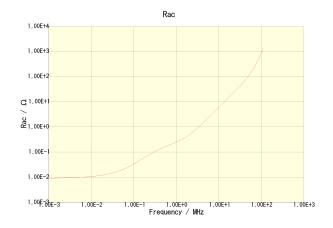
Inductors(Coils)

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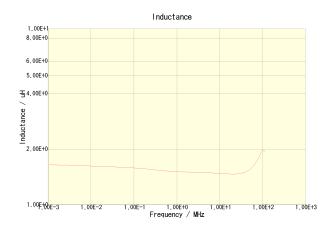
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

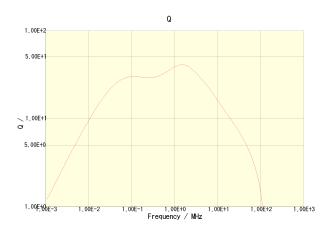




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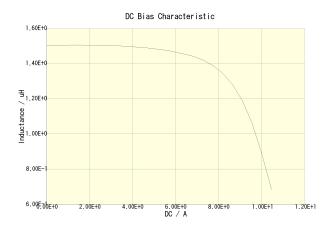
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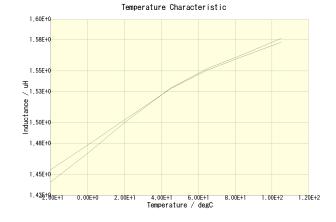
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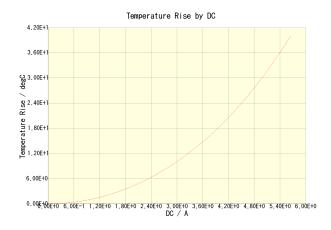




CLF7045T-1R5N-CA(Amb. Temp. = 20degc)

CLF7045T-1R5N-CA(DC = 0A)

CLF7045T-1R5N-CA(DC = 2.45A)



CLF7045T-1R5N-CA(Amb. Temp. = 20degc)