

Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation CLF12555T-4R7N-CA

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



Distributor of TDK Corporation: Excellent Integrated System Limited

Datasheet of CLF12555T-4R7N-CA - FIXED IND 4.7UH 5.3A 15.2 MOHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

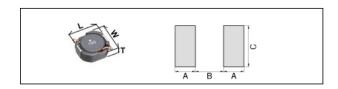
Inductors(Coils)

1 of 3

Creation Date : December 29 2015

CLF12555T-4R7N-CA

Applications	Æ	Automotive Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
	AEC-Q200	AEC-Q200
Series	CLF-CA Series / CLF12555-CA Type	
Status	Production	1









Size				
Length(L)	12.50mm +/-0.30mm			
Width(W)	12.10mm +0.30/-0.20mm			
Thickness(T)	5.50mm +/-0.35mm			
Recommended Land Pattern (A)	2.70mm Nom.			
Recommended Land Pattern (B)	8.30mm Nom.			
Recommended Land Pattern (C)	3.20mm Nom.			

Electrical Characteristics				
Inductance	4.7uH +/-30% at 100kHz			
Rated Current (L Change) [Typ.]	9.6A (10% Down)			
Rated Current (Temperature Rise) [Typ.]	5.3A (30degC Rise)			
DC Resistance [Nom.]	11.7mΩ			
DC Resistance [Max.]	15.2mΩ			

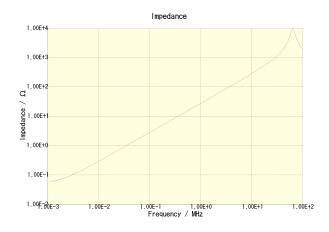
Other					
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC				
Soldering Method	Reflow, Iron Soldering				
AEC Q200	Yes				
Packing	Blister (Plastic)Taping [330mm Reel]				
Package Quantity	500Pcs Min.				
Weight	3g				

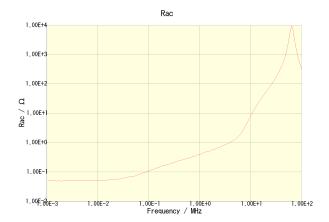
•This PDF document was created based on the data listed on the TDK Corporation website.

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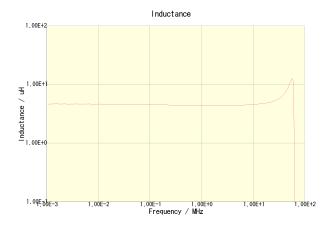
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

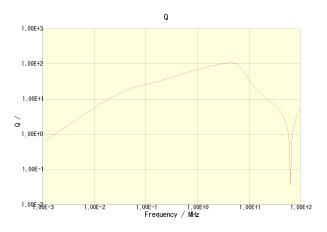




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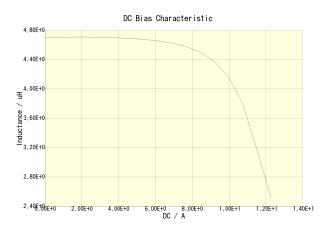
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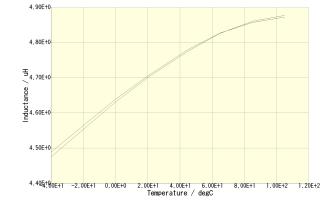
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Temperature Characteristic

CLF12555T-4R7N-CA(Amb. Temp. = 20degc)

CLF12555T-4R7N-CA(DC = 0A)

CLF12555T-4R7N-CA(DC = 2.65A)



CLF12555T-4R7N-CA(Amb. Temp. = 20degc)