

Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation CLF12555T-151M-CA

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



Distributor of TDK Corporation: Excellent Integrated System Limited

Datasheet of CLF12555T-151M-CA - FIXED IND 150UH 1.1A 312 MOHM Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Inductors(Coils)

Production

1 of 3

Creation Date :December 29 2015

CLF12555T-151M-CA

Status

Applications

Automotive Grade

Feature

Wire Wound

Shield

Magnetic Shield

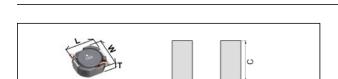
Ferrite Core

AEC-0200

AEC-Q200

Series

CLF-CA Series / CLF12555-CA Type









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	150uH +/-20% at 100kHz	
Rated Current (L Change) [Typ.]	1.8A (10% Down)	
Rated Current (Temperature Rise) [Typ.]	1.1A (30degC Rise)	
DC Resistance [Nom.]	260mΩ	
DC Resistance [Max.]	312mΩ	

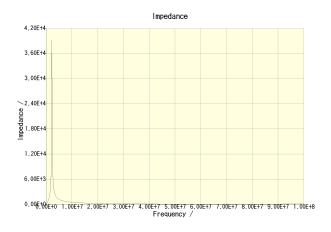
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	3g

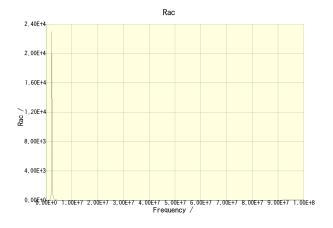
•This PDF document was created based on the data listed on the TDK Corporation website.

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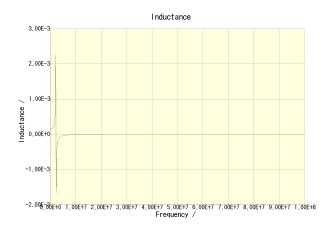
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

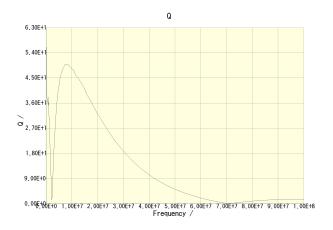




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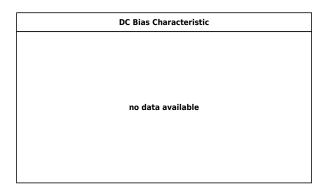
Inductors(Coils)

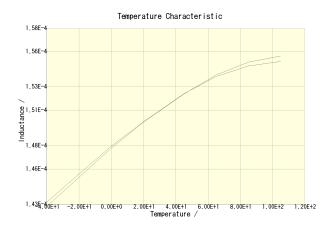
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Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)





CLF12555T-151M-CA(DC = 0A)

CLF12555T-151M-CA(DC = 0.55A)

Temperature Rise by DC		
no data available		