






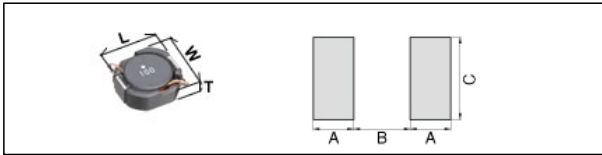


**THE DATASHEET OF
CLF12555T-2R2N-CA**



CLF12555T-2R2N-CA

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



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.

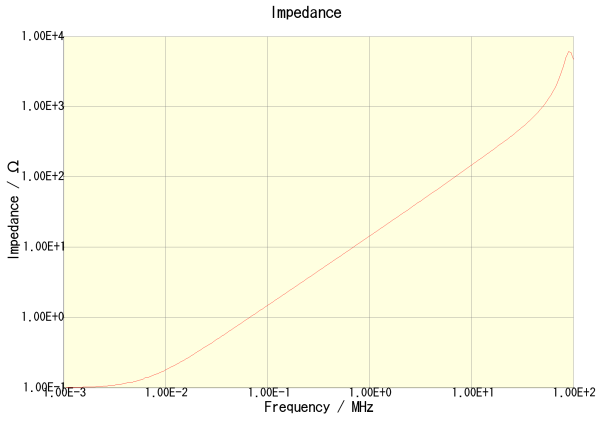
Electrical Characteristics	
Inductance	2.2uH +/-30% at 100kHz
Rated Current (L Change) [Typ.]	13.1A (10% Down)
Rated Current (Temperature Rise) [Typ.]	6.1A (30degC Rise)
DC Resistance [Nom.]	8.8mΩ
DC Resistance [Max.]	11.4mΩ

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

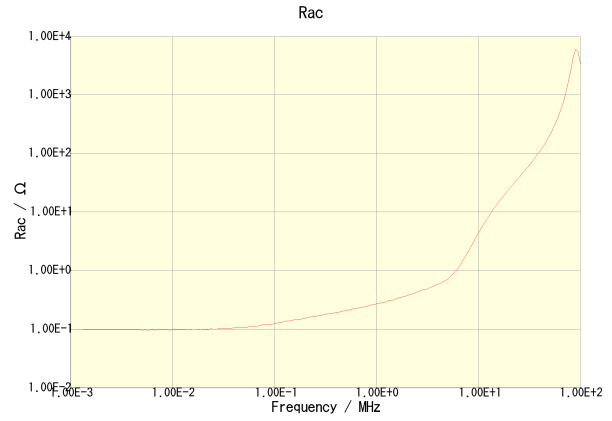
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

CLF12555T-2R2N-CA

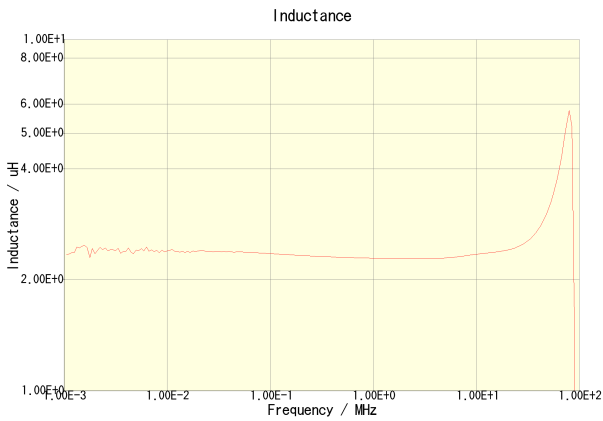
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



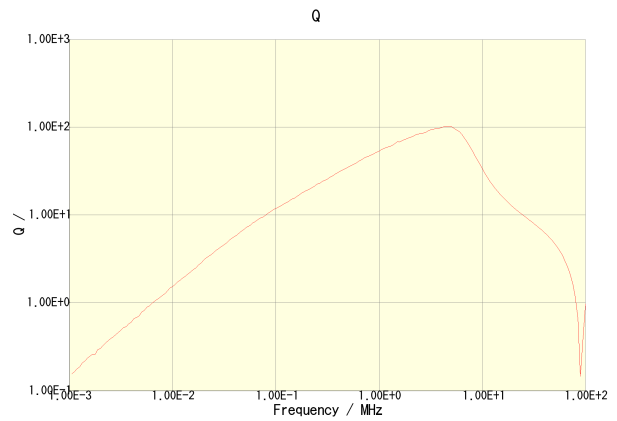
CLF12555T-2R2N-CA



CLF12555T-2R2N-CA



CLF12555T-2R2N-CA

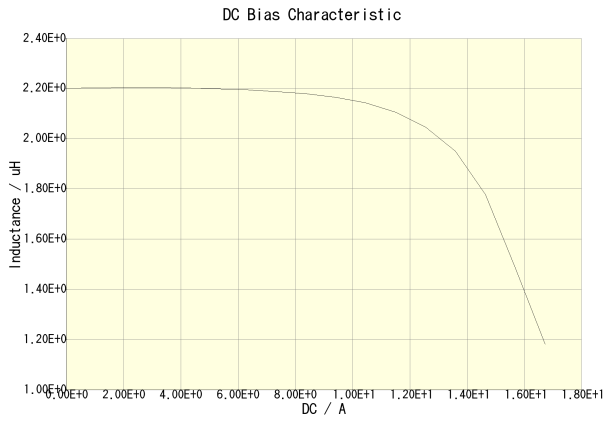


CLF12555T-2R2N-CA

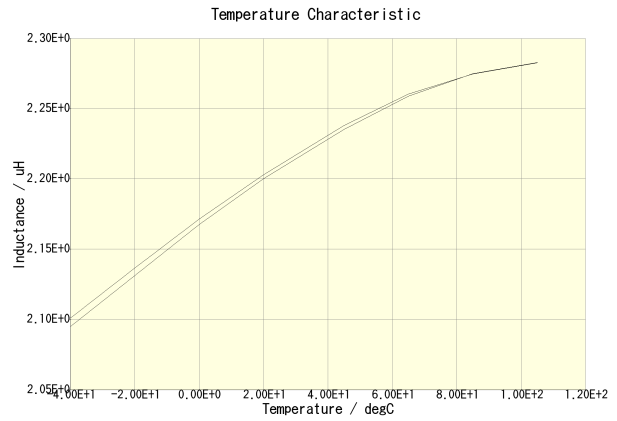
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

CLF12555T-2R2N-CA

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

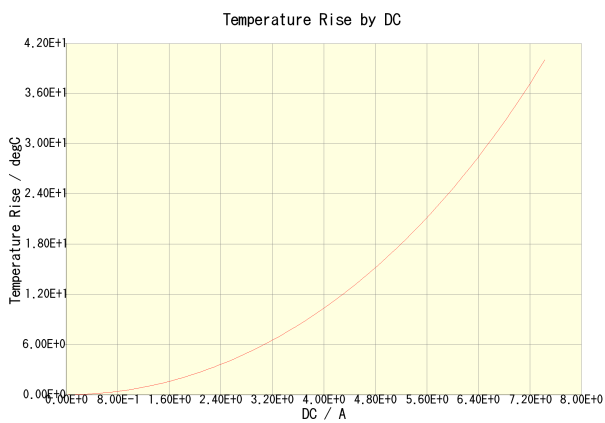


CLF12555T-2R2N-CA(Amb. Temp. = 20degc)



CLF12555T-2R2N-CA(DC = 0A)

CLF12555T-2R2N-CA(DC = 3.05A)





CLF12555T-2R2N-CA(Amb. Temp. = 20degc)

•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View CLF12555T-2R2N-CA on WIN SOURCE](#)
-  [TDK Corporation](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management