

## **Excellent Integrated System Limited**

Stocking Distributor

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

[TDK Corporation](#)

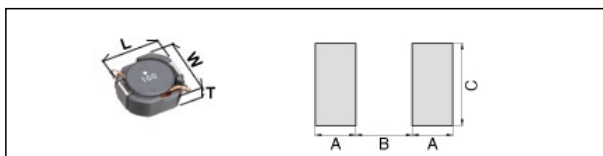
[CLF12555T-4R7N-CA](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# CLF12555T-4R7N-CA

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



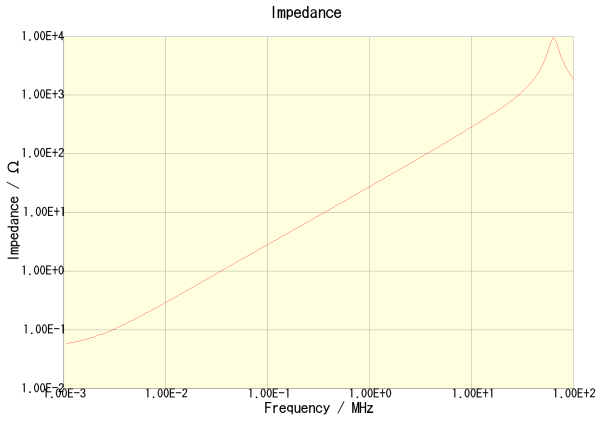
Size	
Length(L)	12.50mm +/-0.30mm
Width(W)	12.10mm +0.30/-0.20mm
Thickness(T)	5.50mm +/-0.35mm
Recommended Land Pattern (A)	2.70mm Nom.
Recommended Land Pattern (B)	8.30mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	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

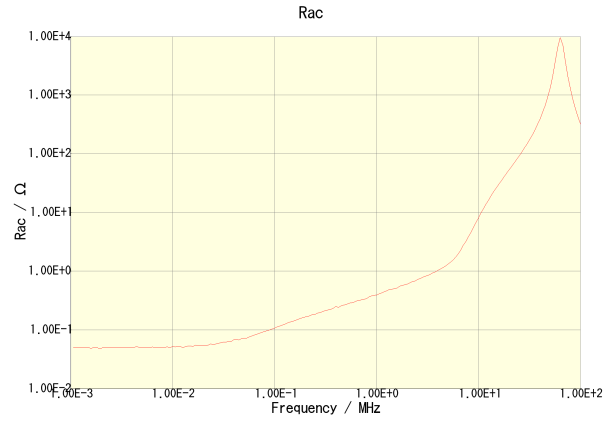
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	3g

# CLF12555T-4R7N-CA

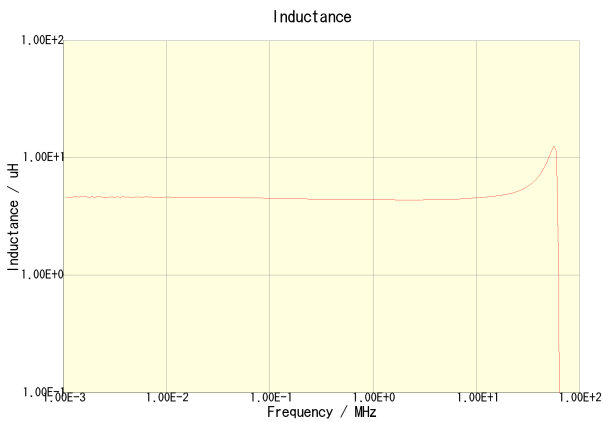
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



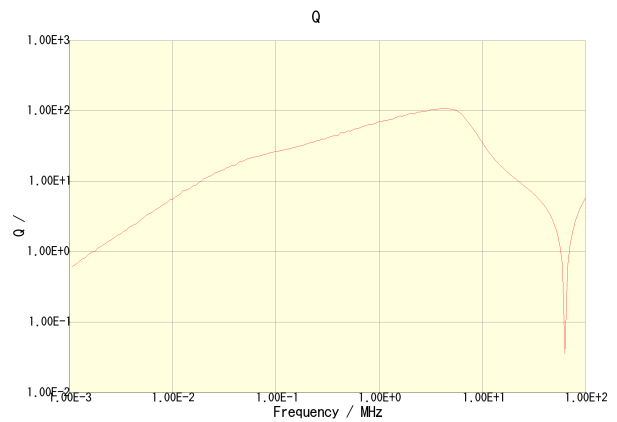
CLF12555T-4R7N-CA



CLF12555T-4R7N-CA



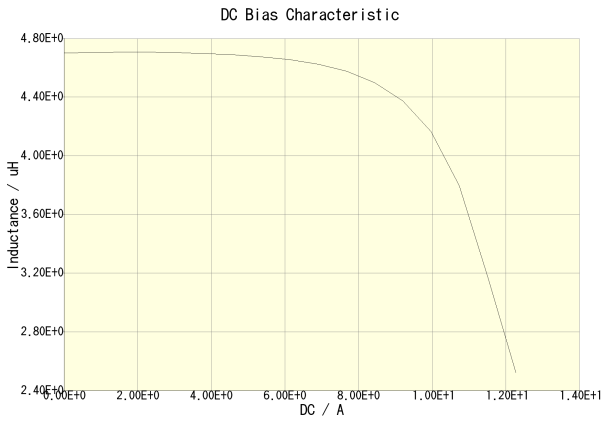
CLF12555T-4R7N-CA



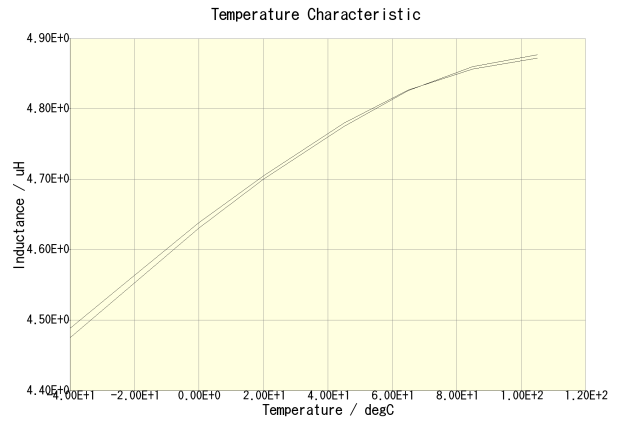
CLF12555T-4R7N-CA

# CLF12555T-4R7N-CA

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

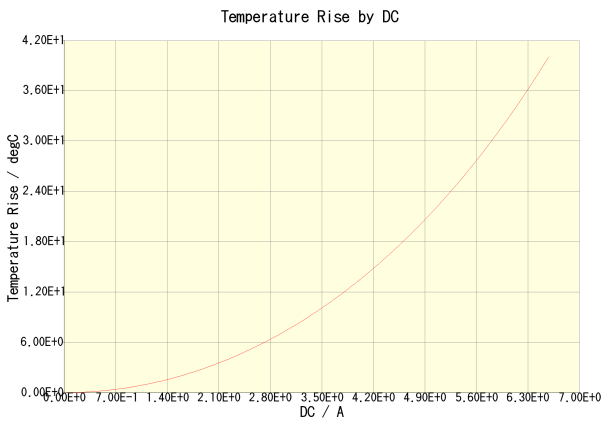


CLF12555T-4R7N-CA(Amb. Temp. = 20degc)



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

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



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