






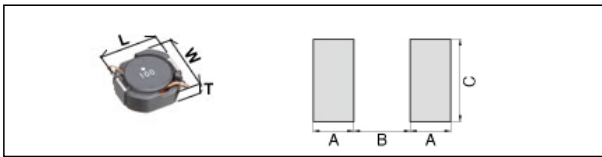


**THE DATASHEET OF
CLF10040T-470M-CA**



CLF10040T-470M-CA

Applications	 Automotive Grade
Feature	 Wire Wound
	 Magnetic Shield
	 Ferrite Core
	 AEC-Q200
Series	CLF-CA Series / CLF10040-CA Type
Status	Production



Size	
Length(L)	10.00mm +/-0.30mm
Width(W)	9.70mm +/-0.30mm
Thickness(T)	3.80mm +/-0.30mm
Recommended Land Pattern (A)	2.50mm Nom.
Recommended Land Pattern (B)	5.60mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

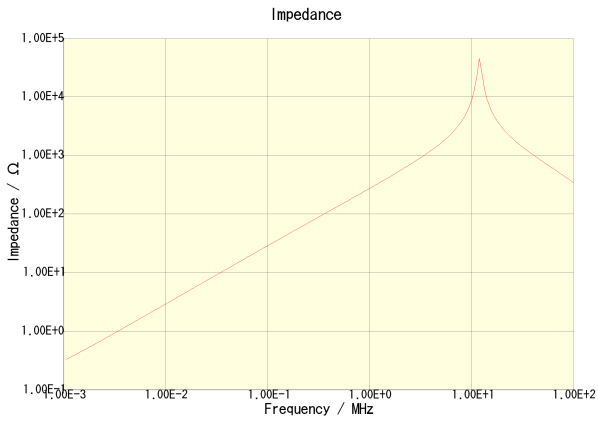
Electrical Characteristics	
Inductance	47uH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	1.9A (10% Down)
Rated Current (Temperature Rise) [Typ.]	1.3A (30degC Rise)
DC Resistance [Nom.]	125mΩ
DC Resistance [Max.]	150mΩ

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	800Pcs Min.
Weight	1.3g

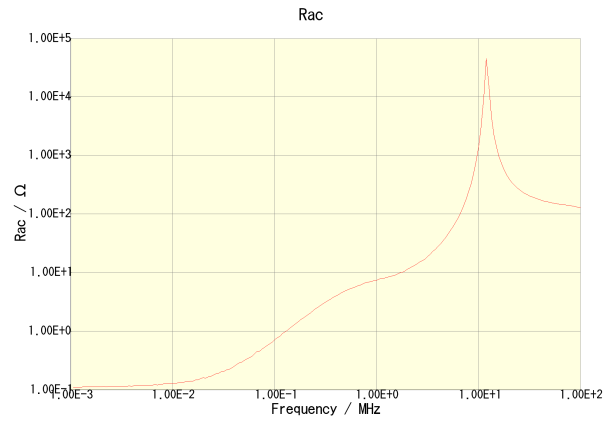
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

CLF10040T-470M-CA

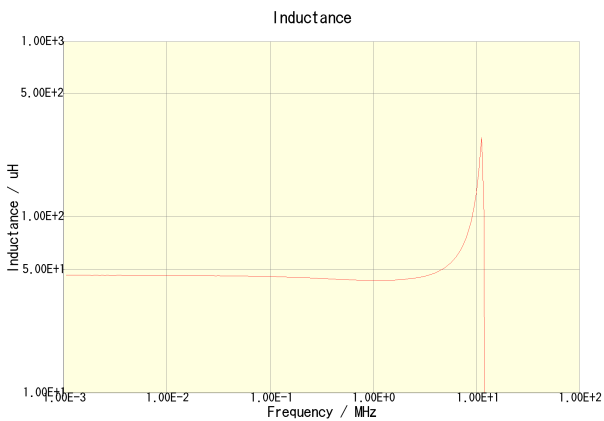
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



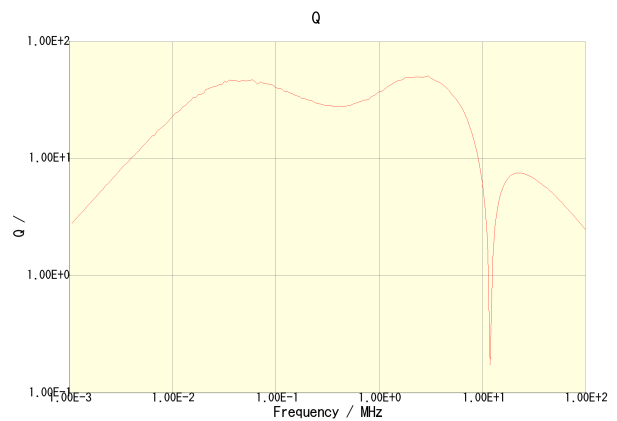
CLF10040T-470M-CA



CLF10040T-470M-CA



CLF10040T-470M-CA

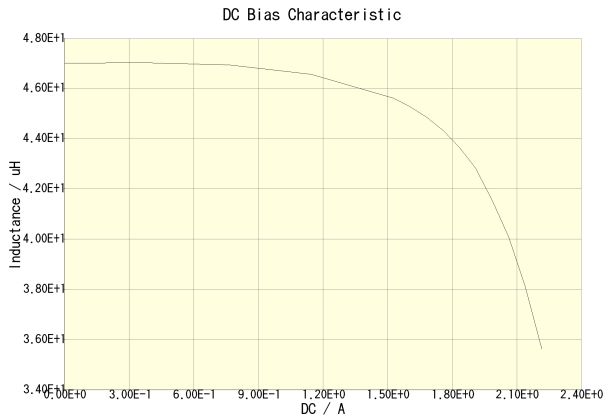


CLF10040T-470M-CA

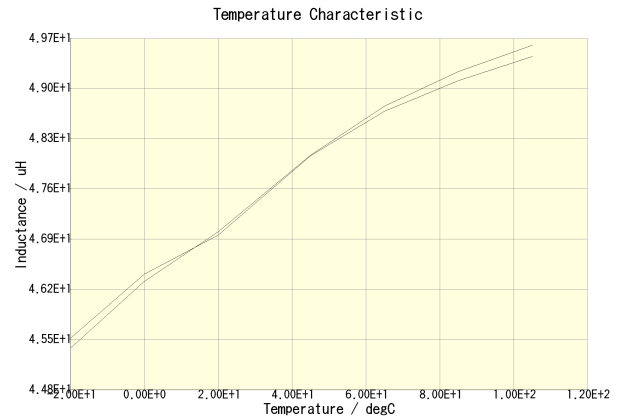
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

CLF10040T-470M-CA

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

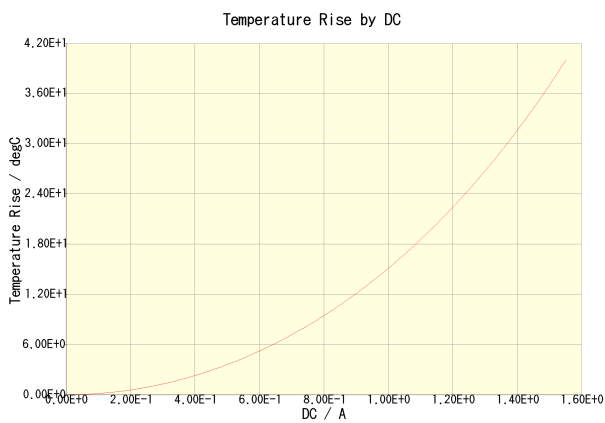


CLF10040T-470M-CA(Amb. Temp. = 20degc)



CLF10040T-470M-CA(DC = 0A)

CLF10040T-470M-CA(DC = 0.65A)



CLF10040T-470M-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 CLF10040T-470M-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