

## EOL Announced

Recommended Alternate Part No. : None

## Product Status

Discontinue Issue Date : May.14, 2024

Last Purchase Order Date : Mar.31, 2026

Last Shipment Date : Dec.31, 2026

## Applications

Automotive Grade

AEC-Q200

## Feature

Wire Wound

Wire Wound

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

## Series | Type

CLF-D

## Brand

TDK

## Environmental



RoHS



REACH



Lead Free



## Size

Length(L)	10.00mm $\pm 0.30$ mm
Width(W)	9.70mm $\pm 0.30$ mm
Thickness   Height	3.80mm $\pm 0.30$ mm
Recommended Land Pattern (A)	2.50mm Nom.
Recommended Land Pattern (B)	5.60mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

## Electrical Characteristics

Inductance	470 $\mu$ H $\pm 20\%$ at 100kHz
Rated Current (L Change) [Typ.]	560mA (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	440mA (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	1.21 $\Omega$
DC Resistance [Max.]	1.452 $\Omega$
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

## Other

Operating Temp. Range	-40 to 150°C (Including Self-Temp. Rise)
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! Images are for reference only and show exemplary products.

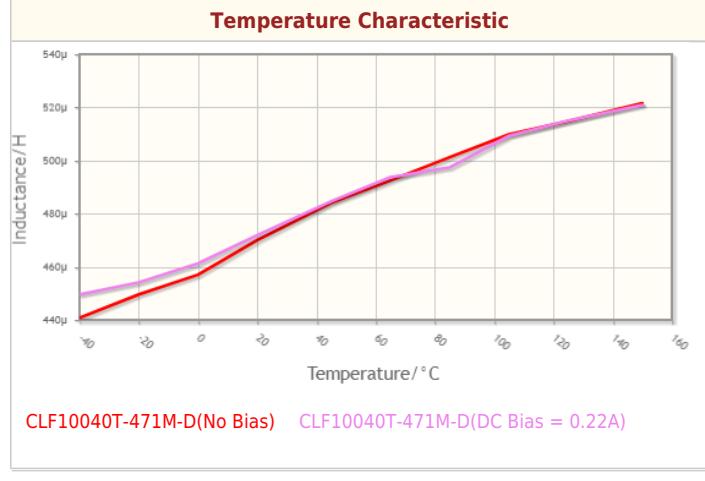
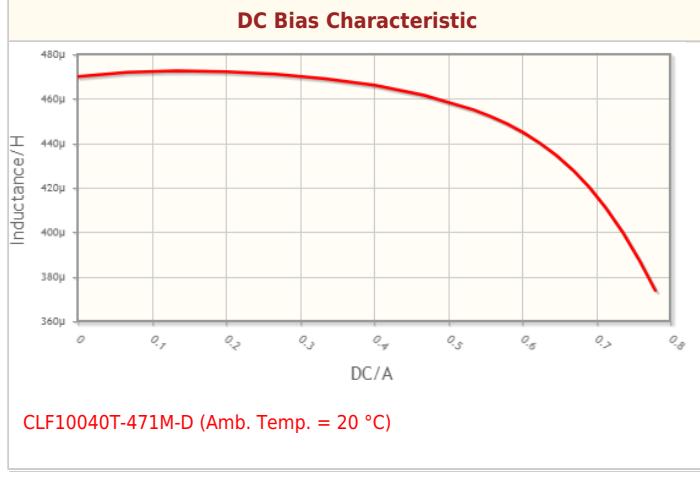
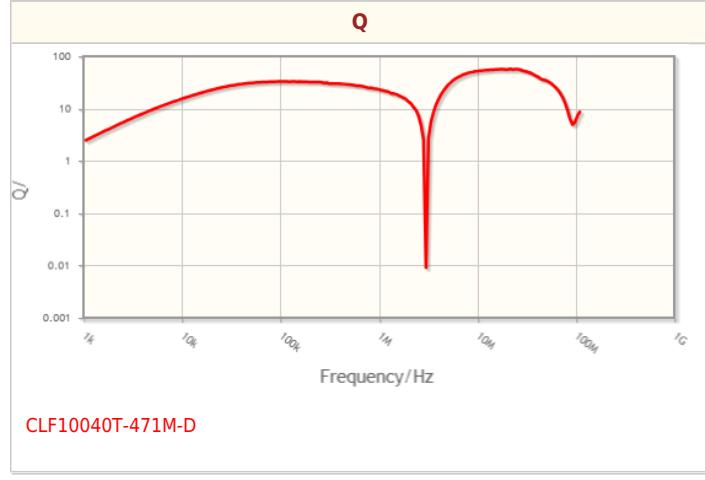
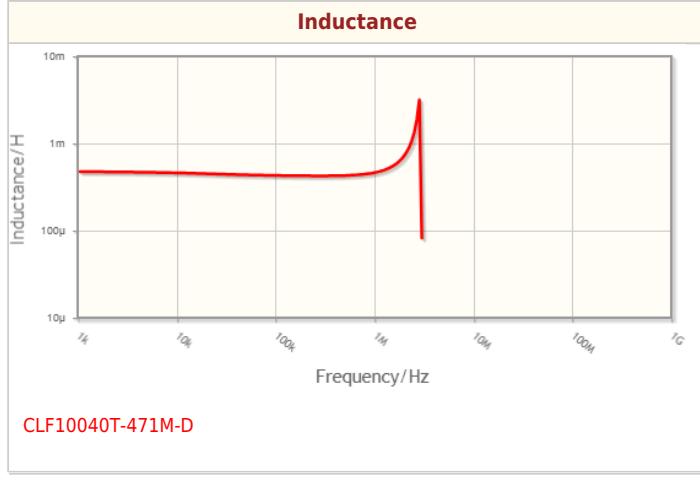
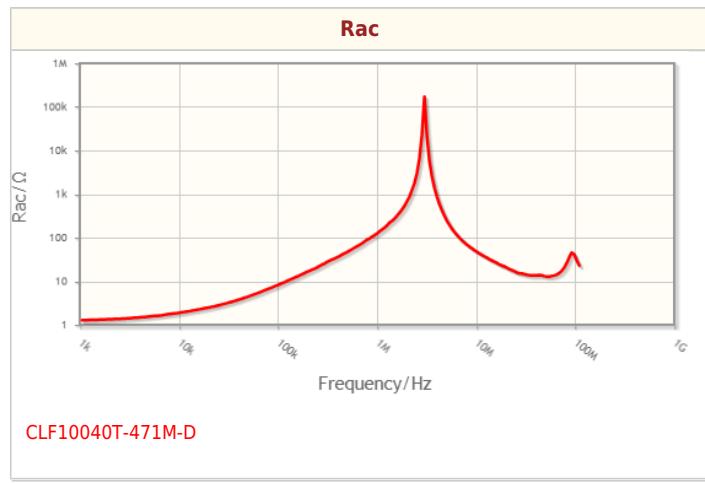
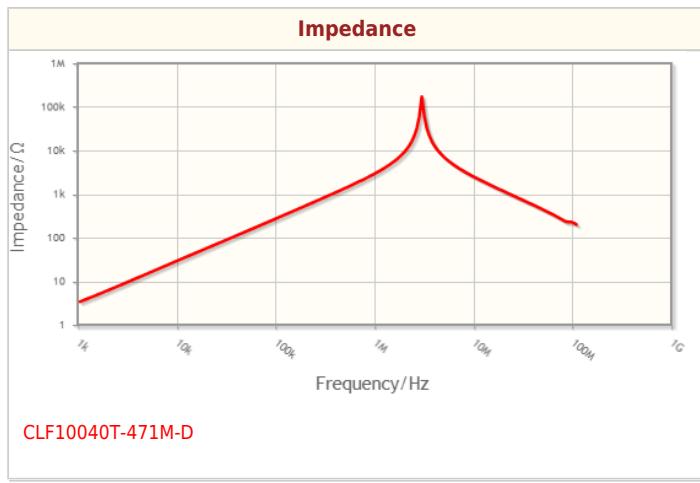
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Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Punched (Paper)Taping [330mm Reel]
Package Quantity	800pcs
Weight	1.3g

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



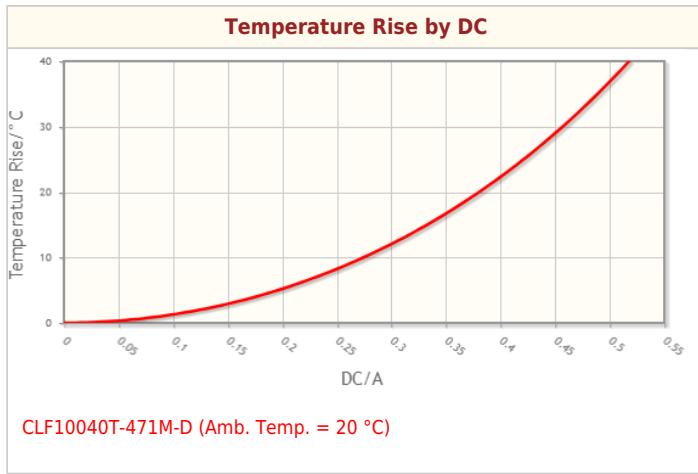
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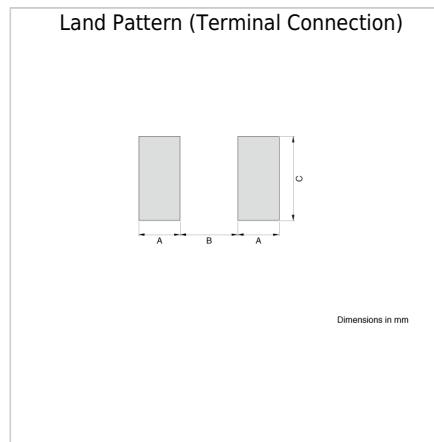
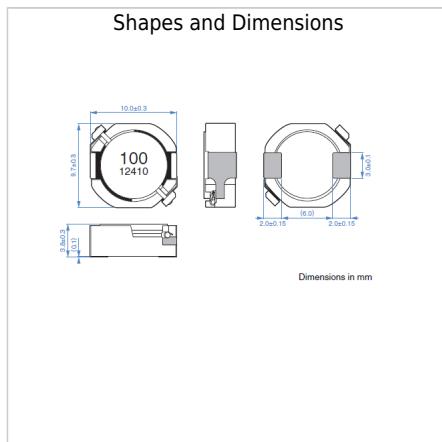
CLF10040T-471M-D

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## Associated Images



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