

Applications



Automotive Grade

Feature

AEC-Q200

AEC-Q200

Wire Wound

Wire Wound

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

Series | Type

CLF-D

Status



Production

Brand

TDK



Size

Length(L)	7.20mm ±0.20mm
Width(W)	6.90mm ±0.20mm
Thickness   Height	4.50mm ±0.30mm
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	3.90mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics

Inductance	3.3μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	5A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	4.1A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	16.4mΩ
DC Resistance [Max.]	21.32mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other

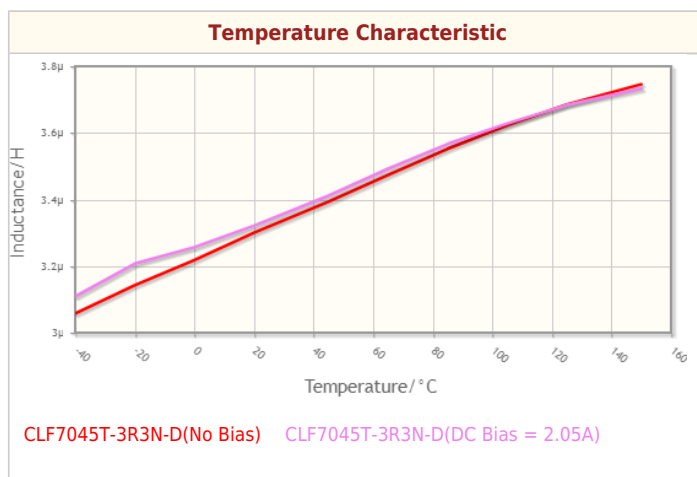
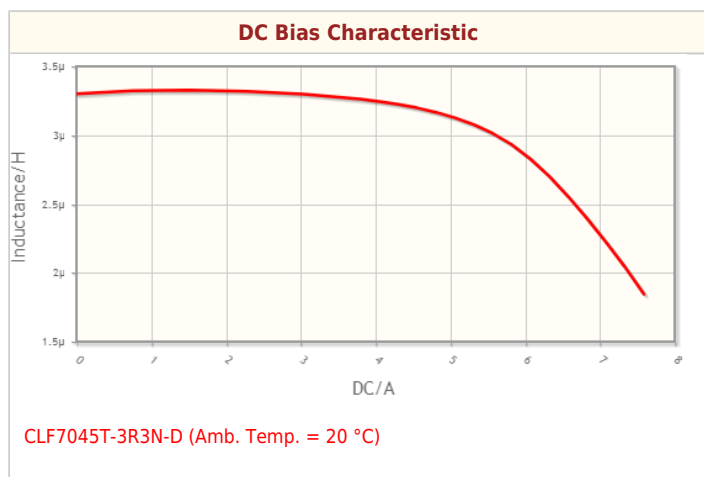
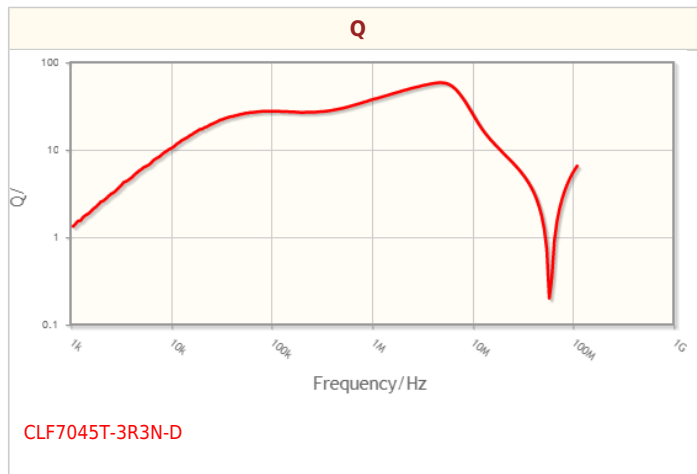
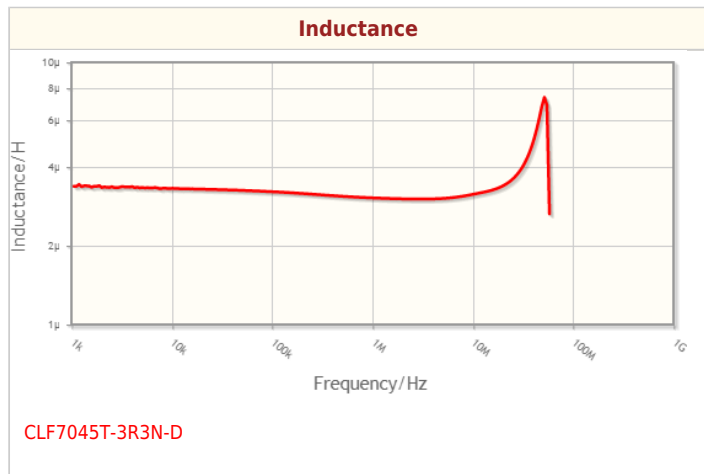
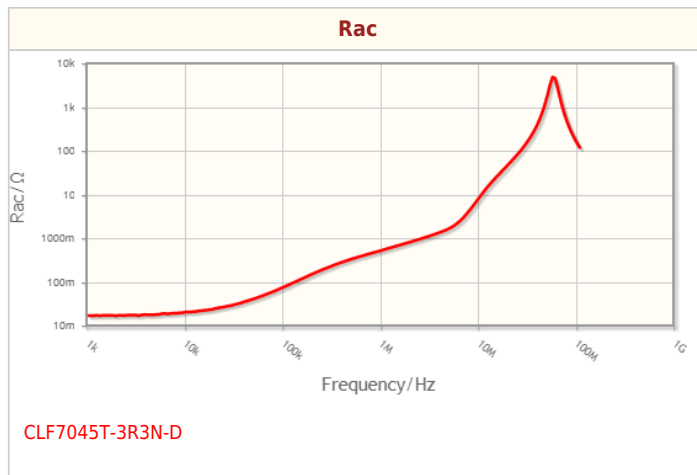
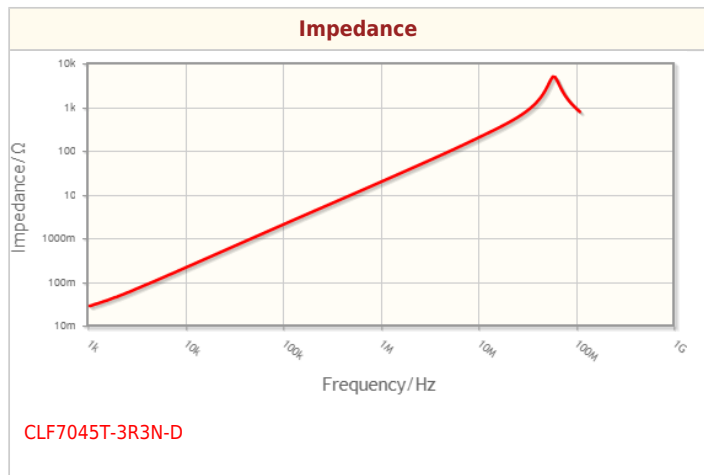
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 150°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Punched (Paper)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.8g

! Images are for reference only and show exemplary products.

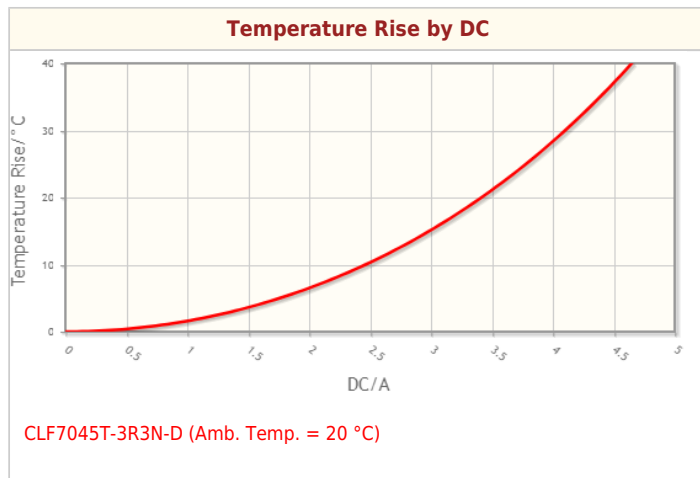
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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



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



## Associated Images

