


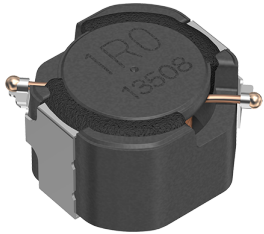


Product Status	EOL Announced
	Recommended Alternate Part No. : CLF6045NIT-3R3N-D (Interchangeability is not guaranteed.)
	Discontinue Issue Date : May.14, 2024
	Last Purchase Order Date : Mar.31, 2026
	Last Shipment Date : Dec.31, 2026
Applications	Automotive Grade
Feature	AEC-Q200 AEC-Q200
	Wire Wound Wire Wound
	Shield Magnetic Shield
	Ferrite CoreFerrite Core
Series Type	CLF-D
Brand	TDK
Environmental Compliance	  



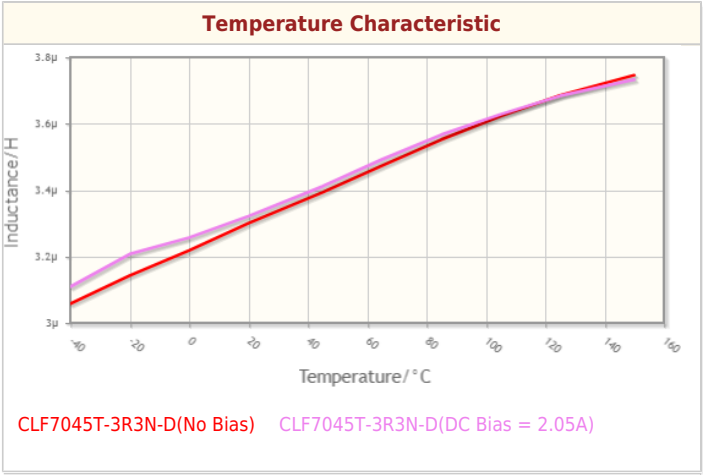
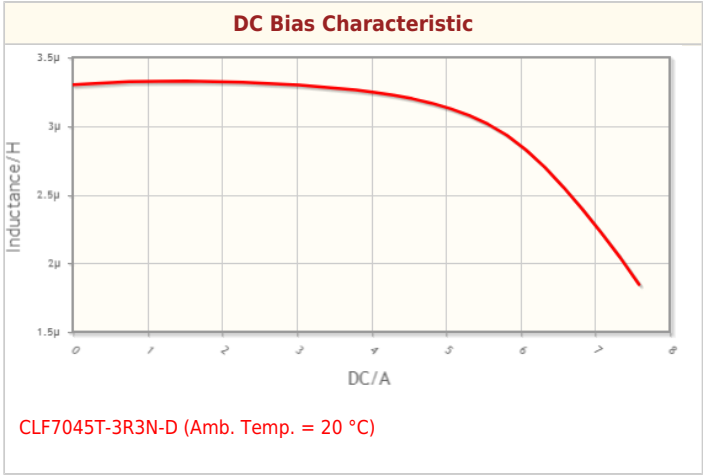
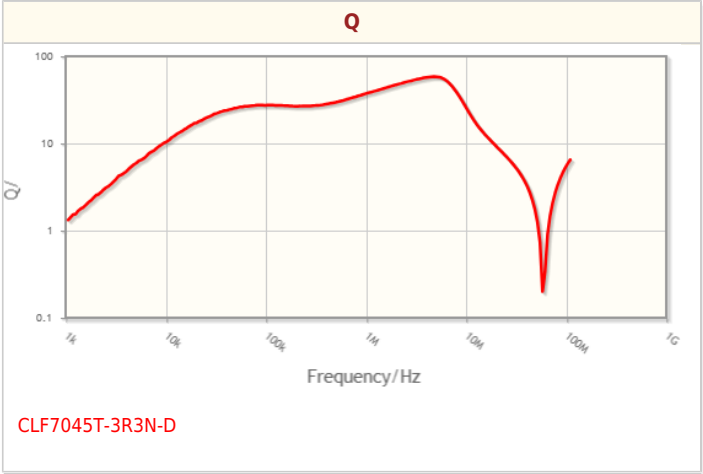
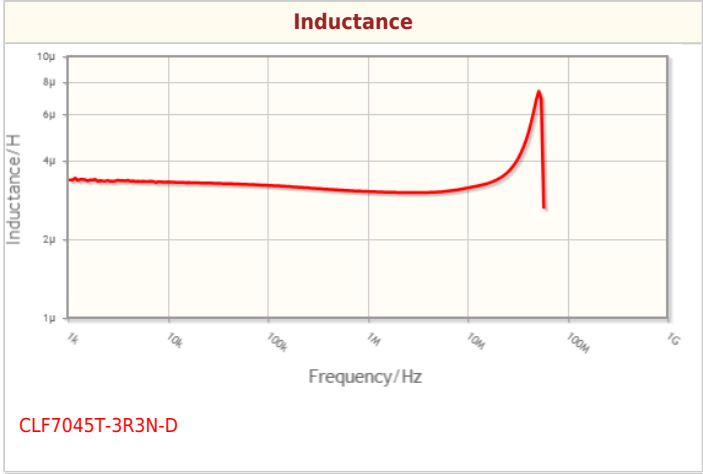
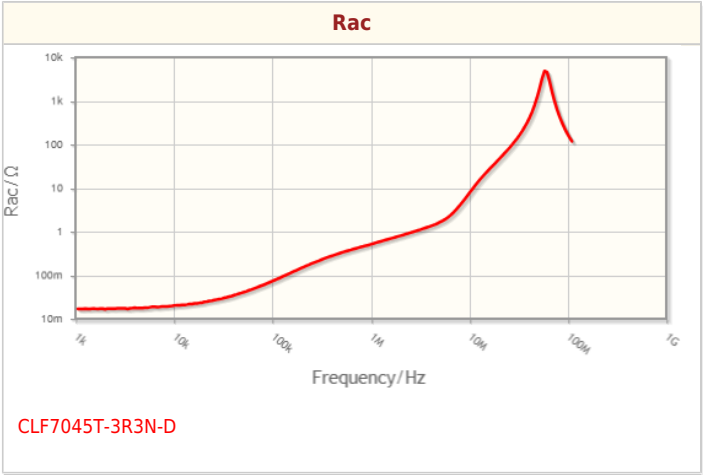
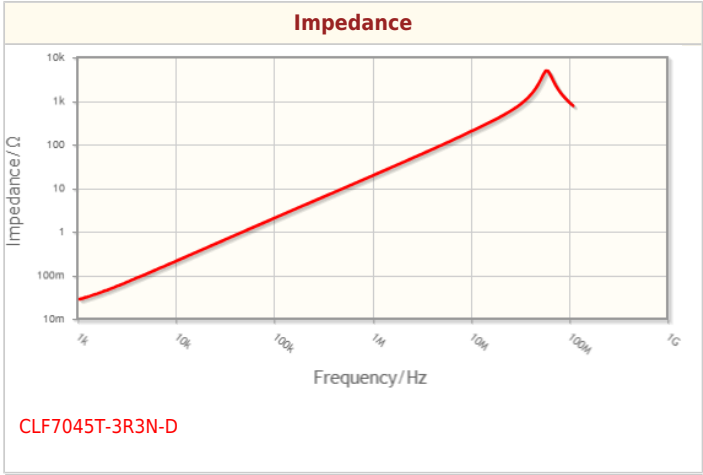
Size	
Length(L)	7.20mm ±0.20mm
Width(W)	6.90mm ±0.20mm
Thickness Height	4.50mm ±0.30mm
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	3.90mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

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
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

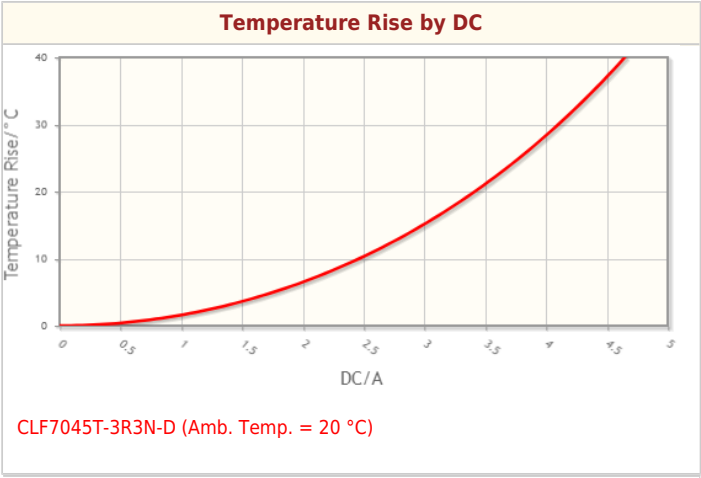
! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

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

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

