

Applications	Automotive Grade
Feature	AEC-Q200
	Wire Wound
	Magnetic Shield
	Ferrite Core
Series Type	CLF-CA
Status	Obsolete
	Recommended Alternate Part No. : CLF7045T-470M-D (Interchangeability is not guaranteed.)
	Discontinue Issue Date : May.18, 2017
	Last Purchase Order Date : Mar.29, 2019
	Last Shipment Date : Sep.30, 2019
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)	1.70mm Nom.
Recommended Land Pattern (B)	4.40mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

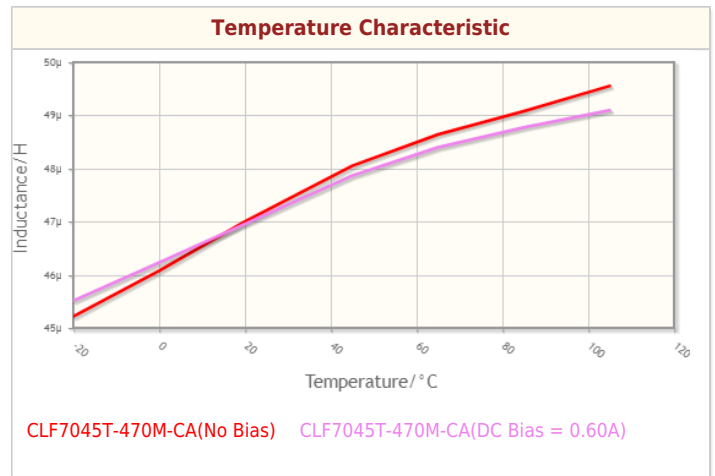
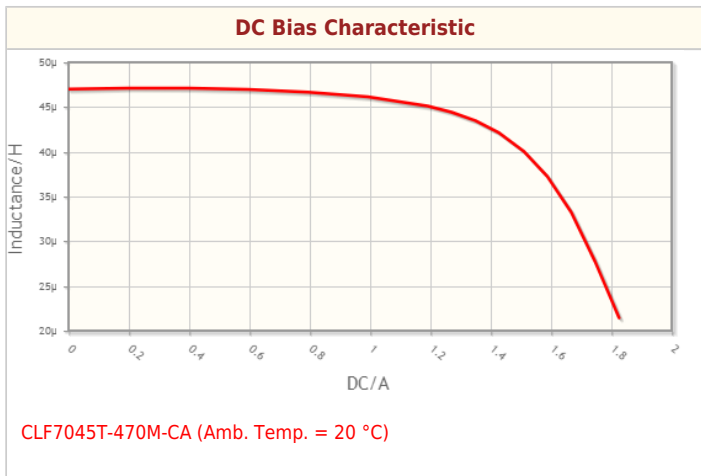
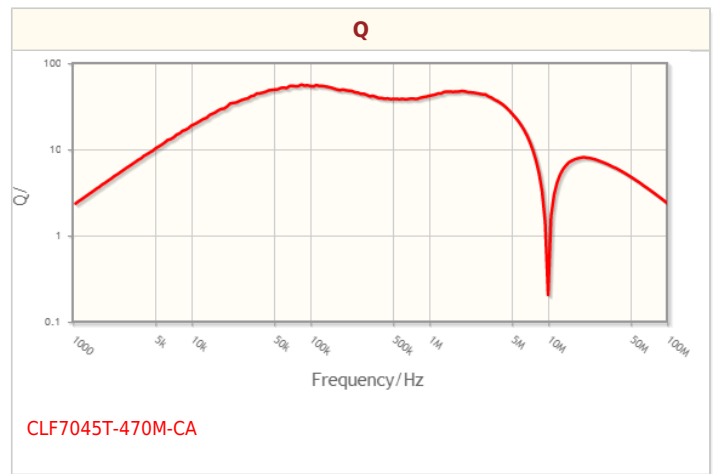
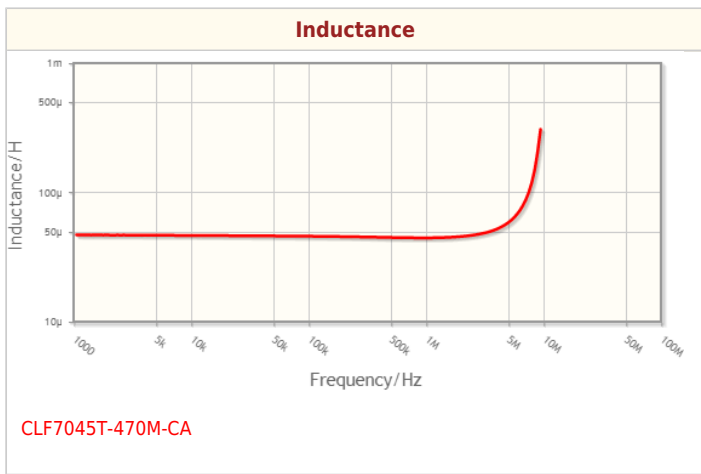
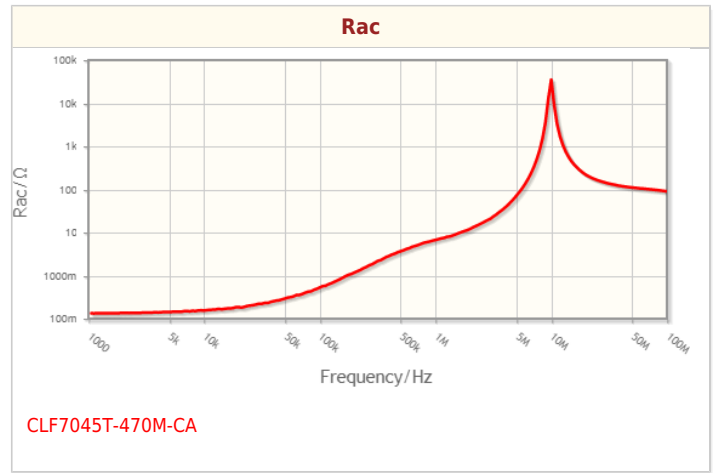
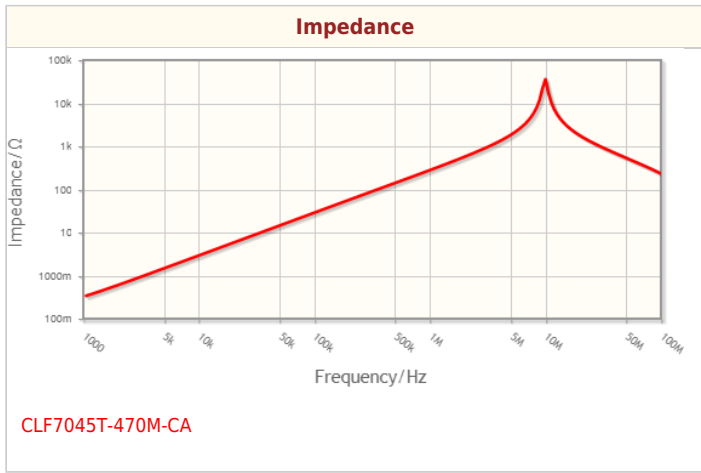
Electrical Characteristics	
Inductance	47µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	1.3A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	1.2A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	150mΩ
DC Resistance [Max.]	180mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	YES

! 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.

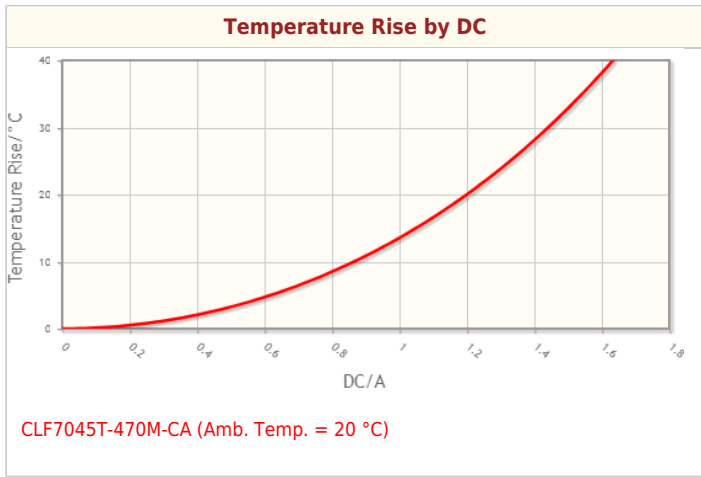
Packing	Punched (Paper)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.8g

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



! 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.)



! 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.

Associated Images

