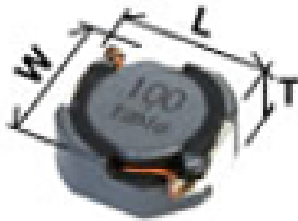




Applications	Automotive Grade
Feature	Magnetic Shield
	Wire Wound
	Ferrite Core
	AEC-Q200
Series   Type	CLF-D
Status	Production
Brand	TDK



Size	
Length(L)	6.20mm ±0.20mm
Width(W)	5.90mm ±0.20mm
Thickness   Height	4.50mm ±0.30mm
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	3.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

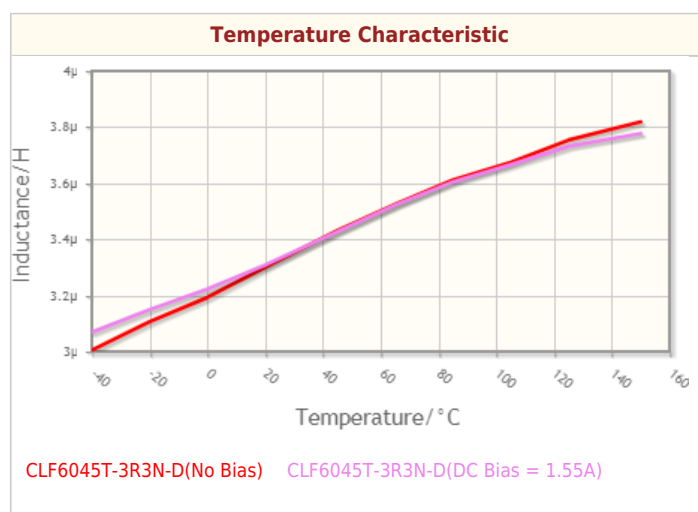
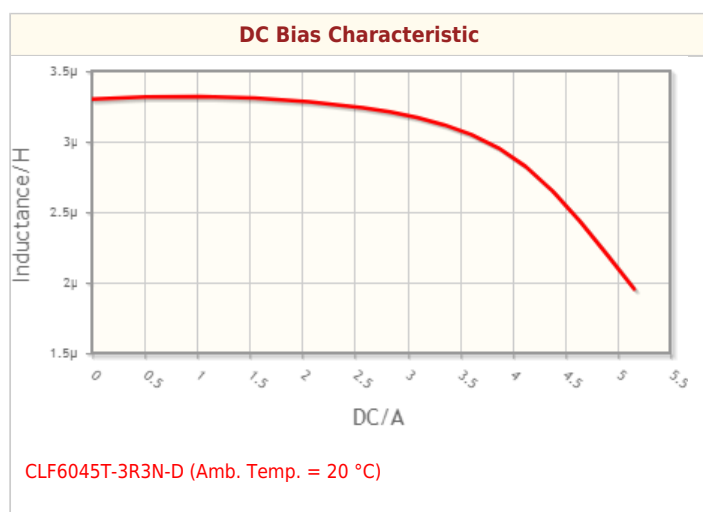
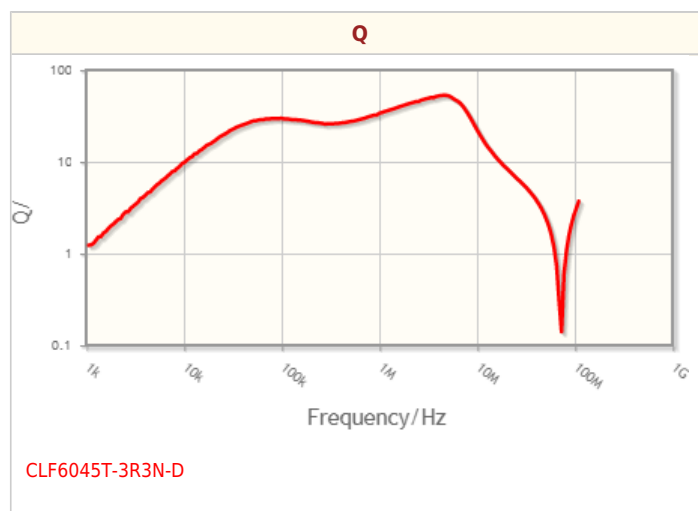
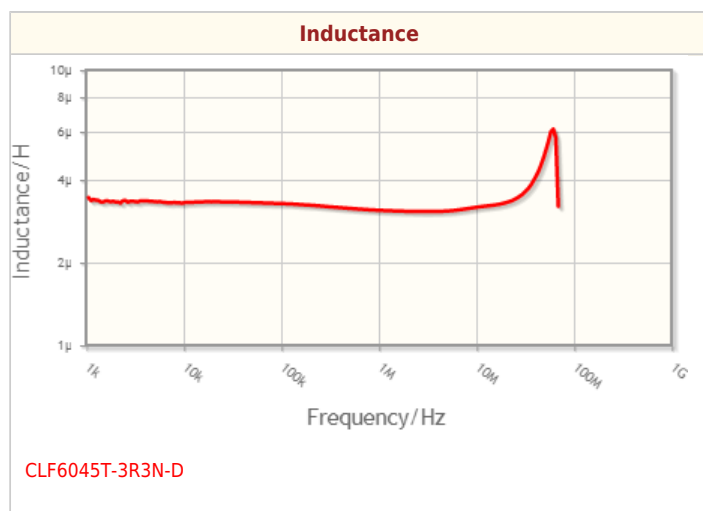
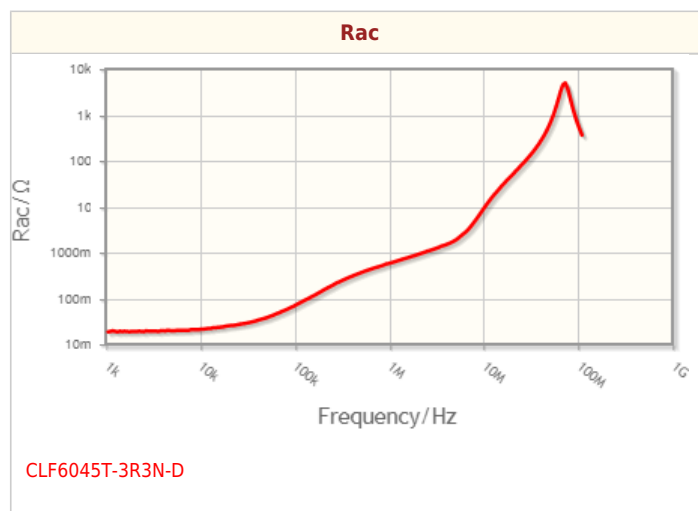
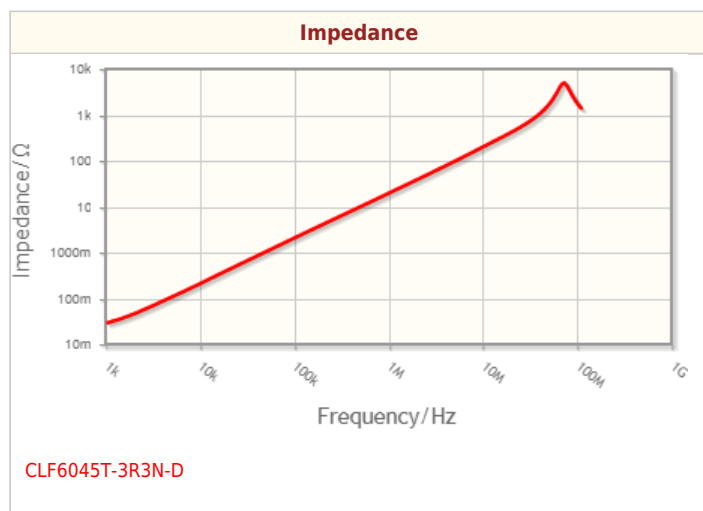
Electrical Characteristics	
Inductance	3.3μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	3.1A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	3.5A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	19mΩ
DC Resistance [Max.]	24.7mΩ
Self Resonant 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	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.6g

! 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.



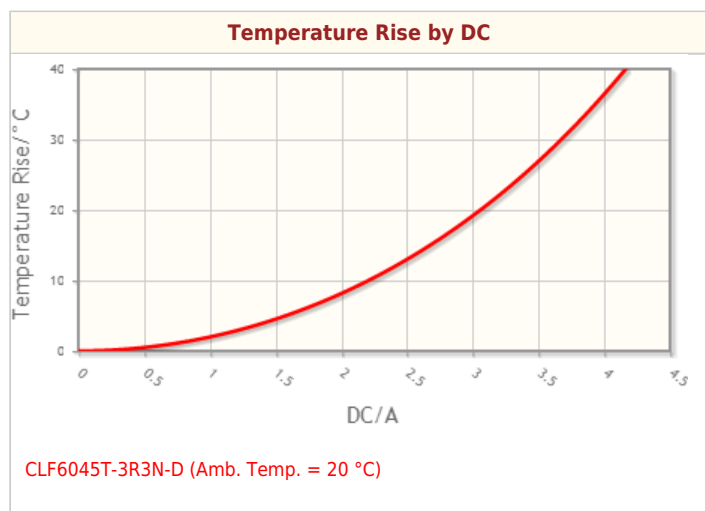
## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



CLF6045T-3R3N-D



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





## Associated Images

