

Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px; display: inline-block;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px; display: inline-block;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px; display: inline-block;">Ferrite Core</div> Ferrite Core
Series Type	CLF
Status	<div style="border: 1px solid red; padding: 2px; display: inline-block;"> Obsolete</div> Recommended Alternate Part No. : CLF12555T-4R7N-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)	12.50mm ±0.30mm
Width(W)	12.10mm +0.30,-0.20mm
Thickness Height	5.50mm ±0.35mm
Recommended Land Pattern (A)	2.70mm Nom.
Recommended Land Pattern (B)	8.30mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

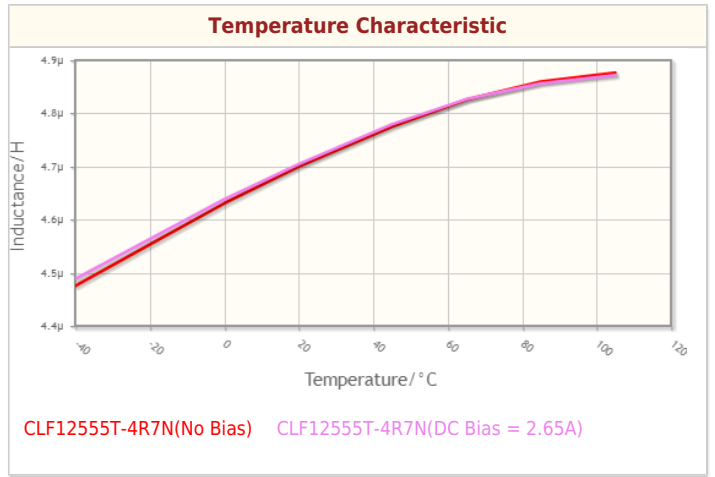
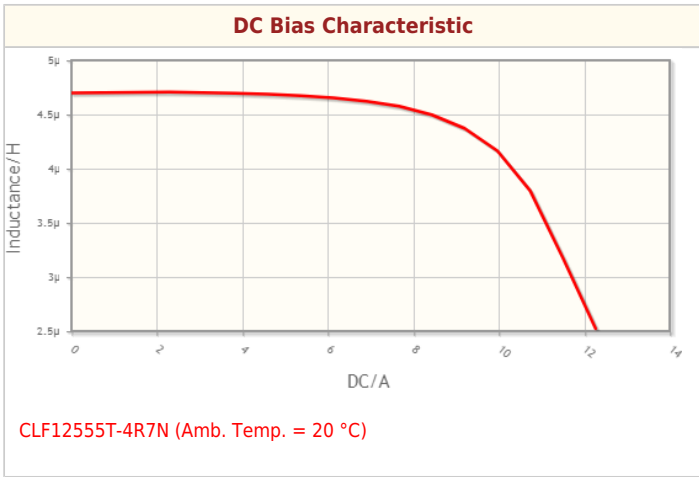
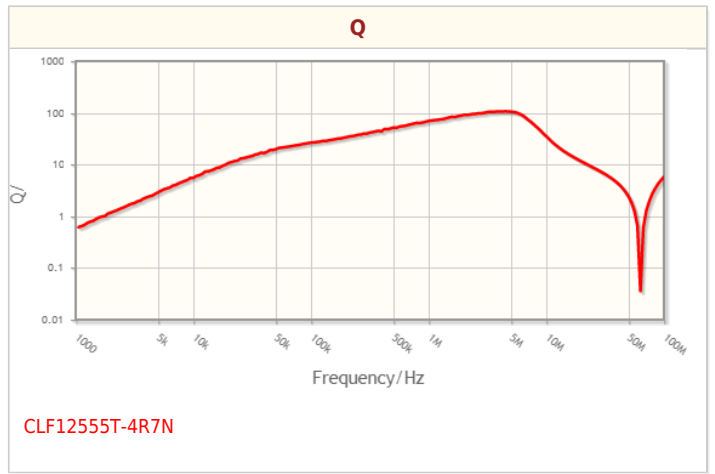
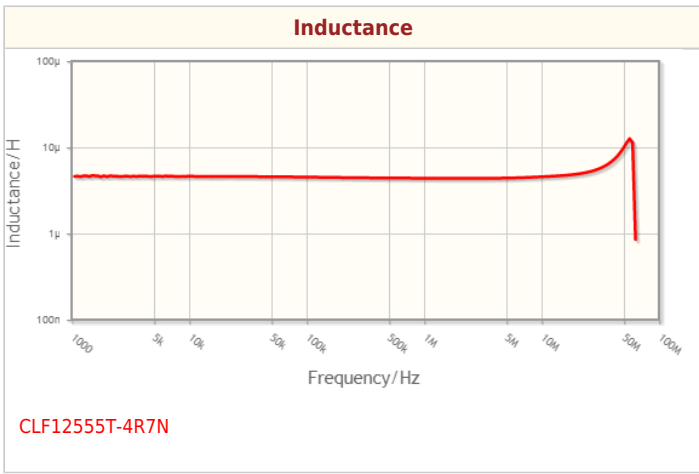
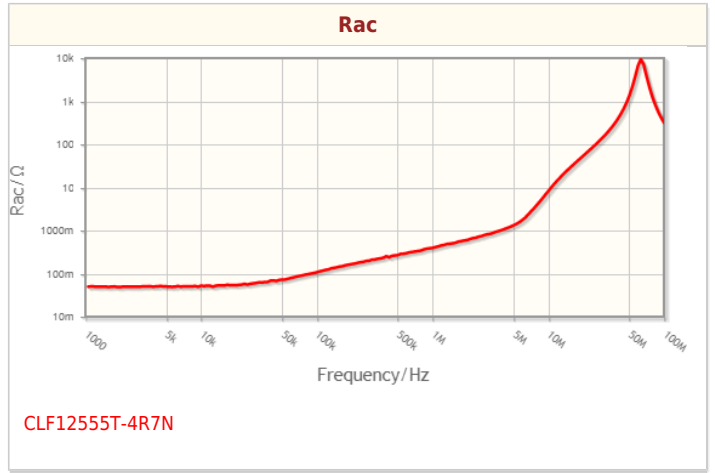
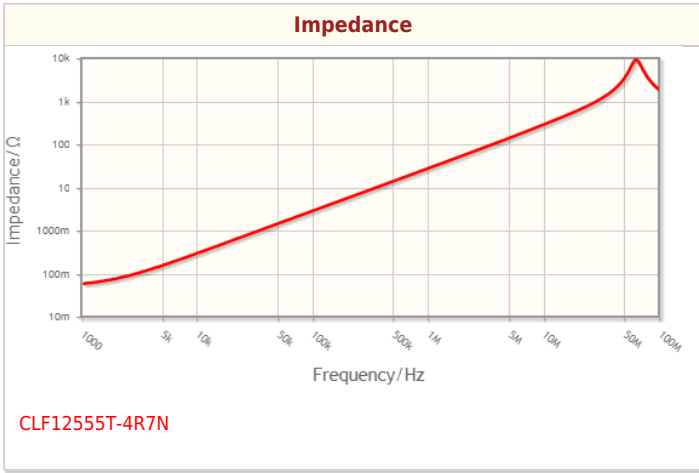
Electrical Characteristics	
Inductance	4.7µH ±30% at 100kHz
Rated Current (L Change) [Typ.]	9.6A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	5.3A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	11.7mΩ
DC Resistance [Max.]	15.2mΩ
Self Resonant 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	NO
Packing	Punched (Paper)Taping [330mm Reel]

! 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.

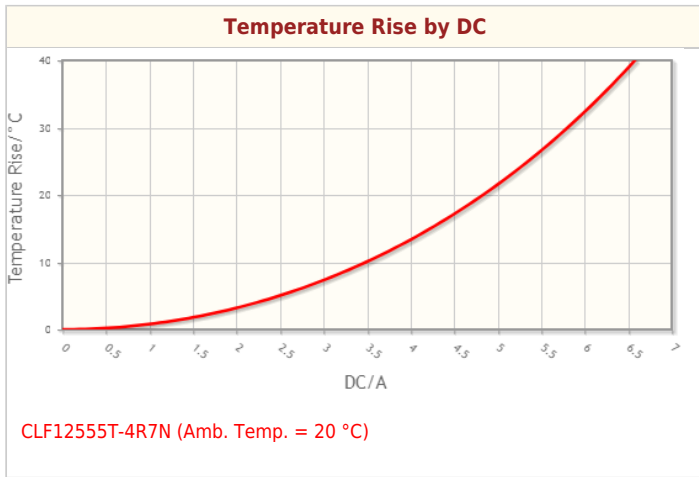
Package Quantity	500pcs
Weight	3g

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



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Associated Images

