

Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px; display: inline-block; margin-right: 5px;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px; display: inline-block; margin-right: 5px; margin-top: 5px;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px; display: inline-block; margin-right: 5px; margin-top: 5px;">Ferrite Core</div> Ferrite Core
Series Type	CLF
Status	<div style="border: 1px solid red; padding: 2px; display: inline-block; margin-right: 5px;"></div> Obsolete Recommended Alternate Part No. : CLF6045T-6R8N-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

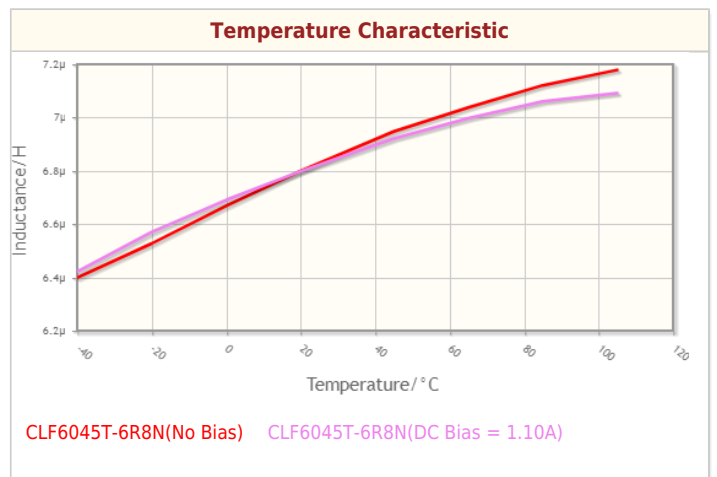
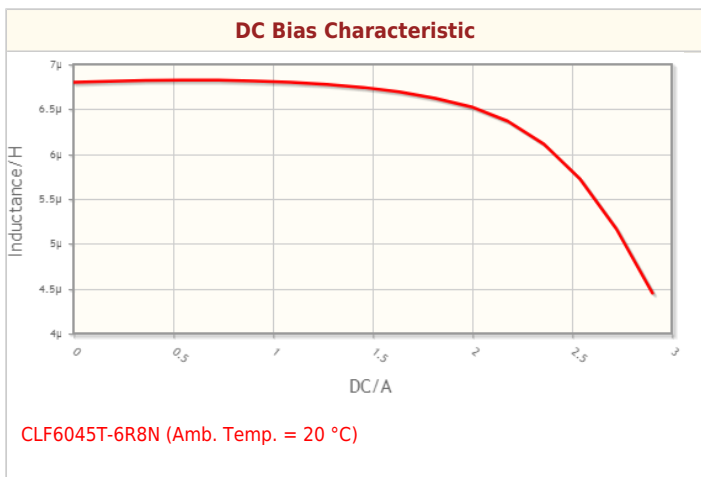
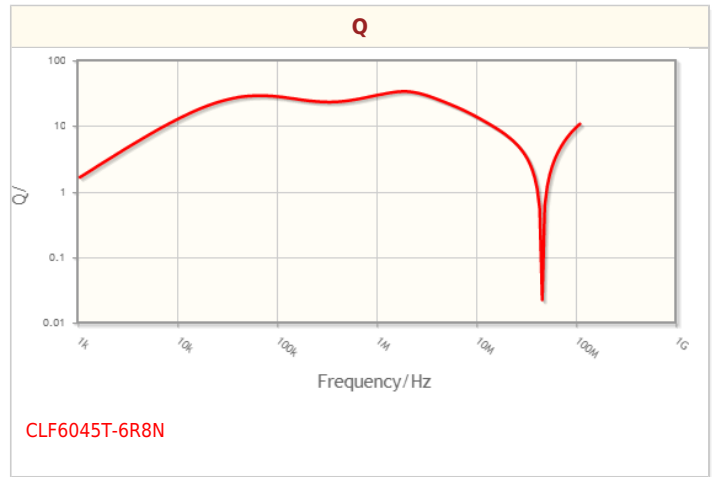
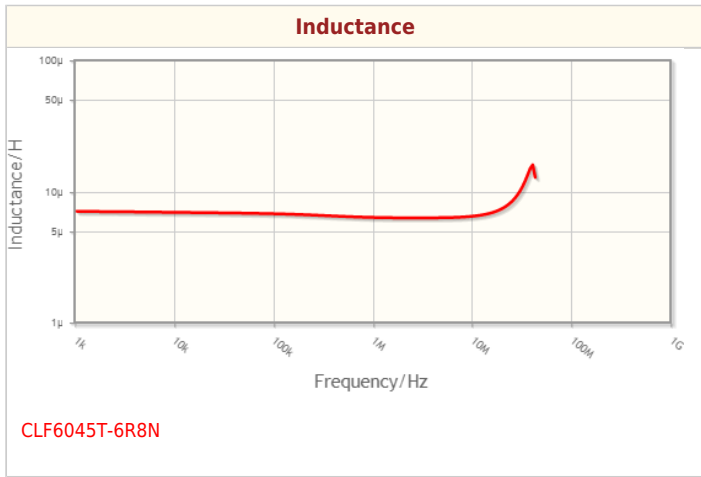
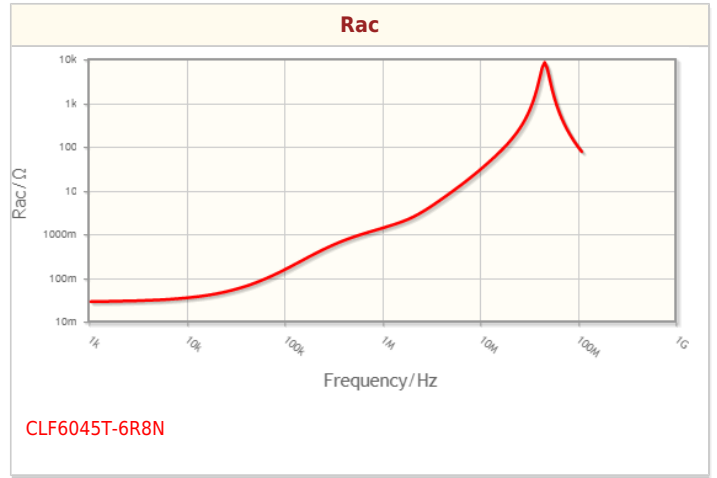
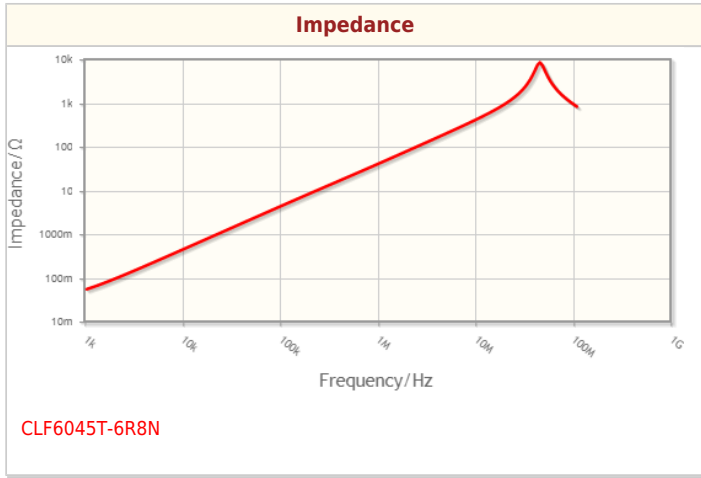


Size	
Length(L)	6.20mm ±0.20mm
Width(W)	5.90mm ±0.20mm
Thickness Height	4.50mm ±0.30mm
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	3.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	6.8μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	2.2A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	2.9A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	27mΩ
DC Resistance [Max.]	35.1mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

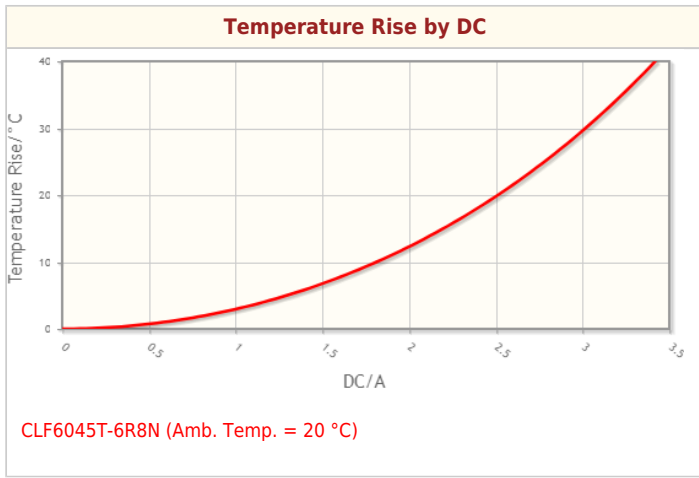
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Punched (Paper)Taping [330mm Reel]
Package Quantity	1000pcs

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.

Copyright(c) TDK Corporation. All rights reserved.

Downloaded from [Arrow.com](https://arrow.com)

Associated Images

