

| | |
|----------------------|--|
| 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. : CLF10040T-680M-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) | 10.00mm ±0.30mm |
| Width(W) | 9.70mm ±0.30mm |
| Thickness Height | 3.80mm ±0.30mm |
| Recommended Land Pattern (A) | 2.50mm Nom. |
| Recommended Land Pattern (B) | 5.60mm Nom. |
| Recommended Land Pattern (C) | 3.20mm Nom. |

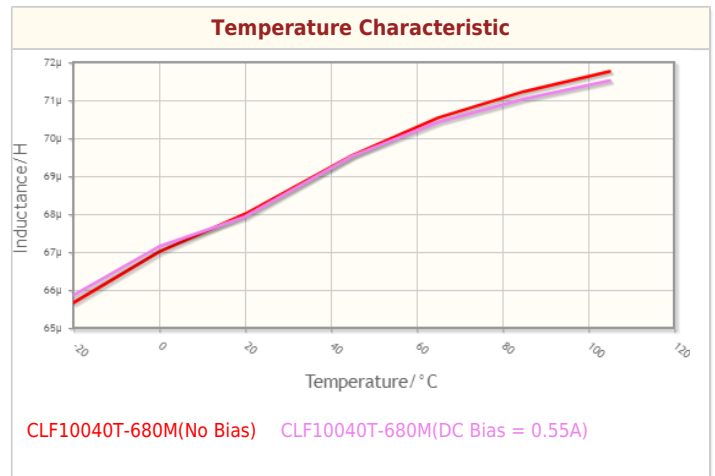
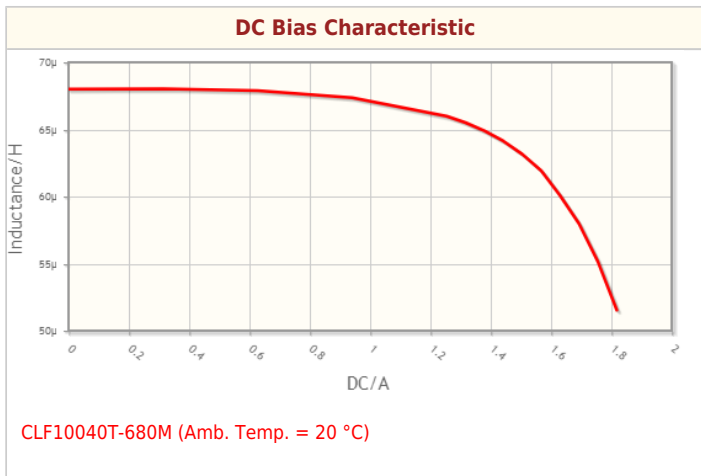
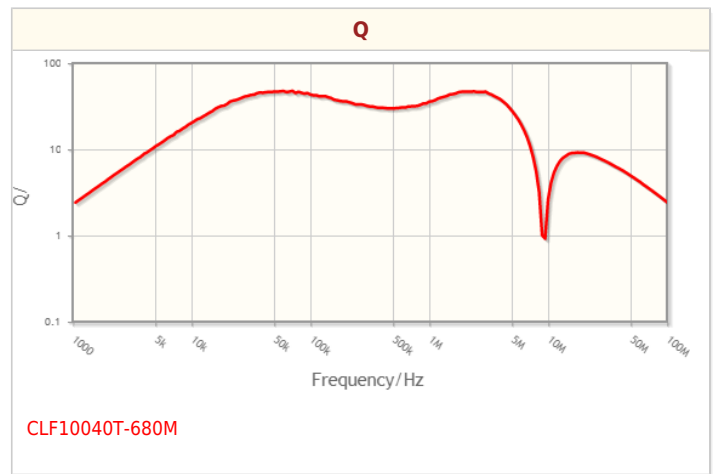
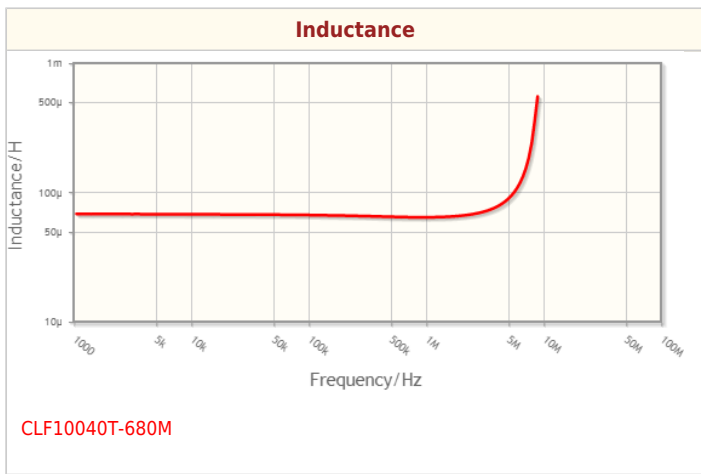
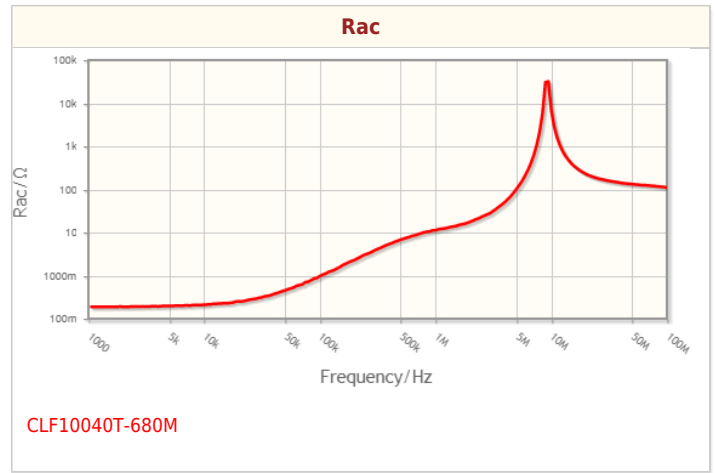
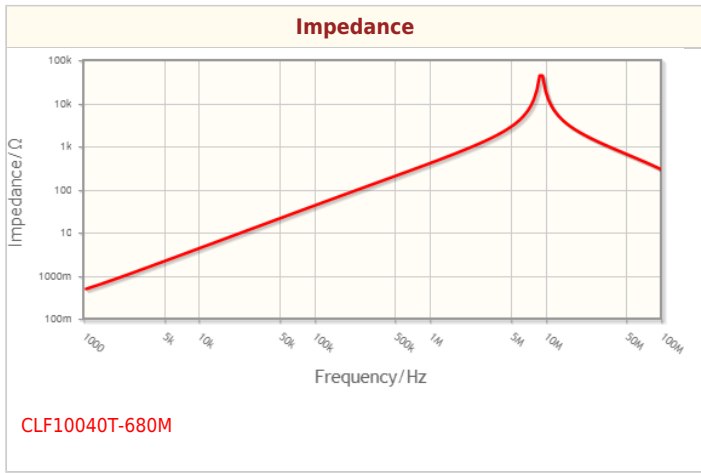
| Electrical Characteristics | |
|---|---------------------|
| Inductance | 68μH ±20% at 100kHz |
| Rated Current (L Change) [Typ.] | 1.6A (10% Down) |
| Rated Current (L Change) [Max.] | |
| Rated Current (Temperature Rise) [Typ.] | 1.1A (30°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 180mΩ |
| DC Resistance [Max.] | 216mΩ |
| 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.

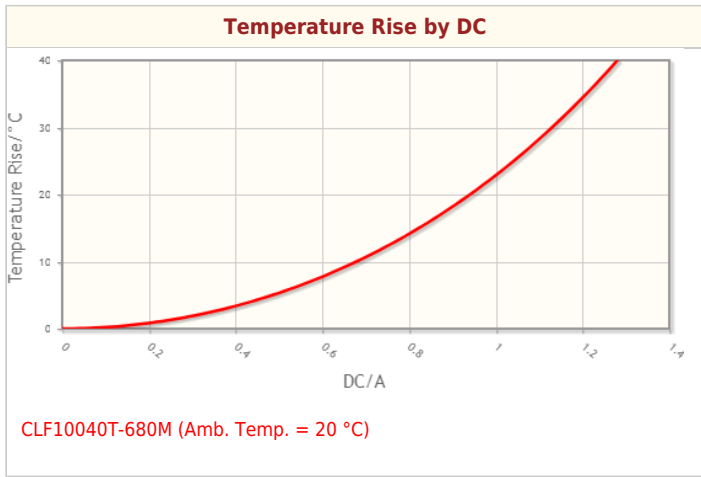
| | |
|------------------|--------|
| Package Quantity | 800pcs |
| Weight | 1.3g |

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

