

Applications	Automotive Grade
Feature	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">AEC-Q200</div> AEC-Q200 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px; background-color: #f8d7da;">Wire Wound</div> Wire Wound <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px; background-color: #d4edda;">Shield</div> Magnetic Shield <div style="border: 1px solid black; padding: 2px; display: inline-block; background-color: #d4edda;">Ferrite Core</div> Ferrite Core
Series Type	CLF-CA
Status	<div style="border: 1px solid black; padding: 2px; display: inline-block; background-color: #f8d7da; margin-bottom: 5px;"> Obsolete</div> Recommended Alternate Part No. : CLF10040T-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)	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	6.8μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	4.8A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	3.7A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	18.5mΩ
DC Resistance [Max.]	24.05mΩ
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
Packing	Punched (Paper)Taping [330mm Reel]

Package Quantity

800pcs

Weight

1.3g

! Images are for reference only and show exemplary products.

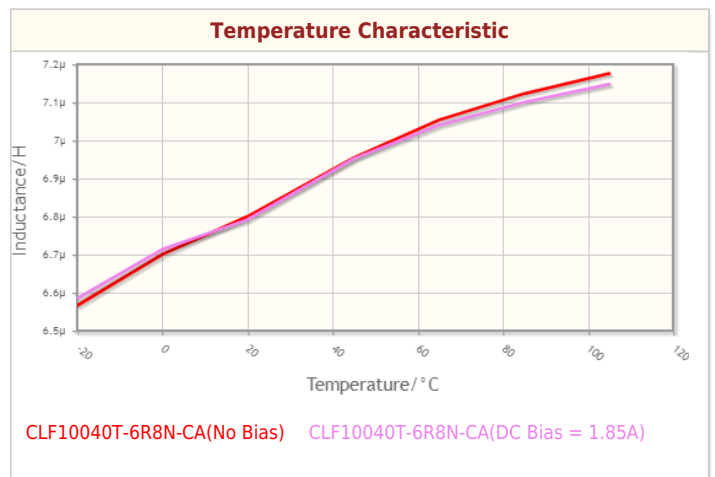
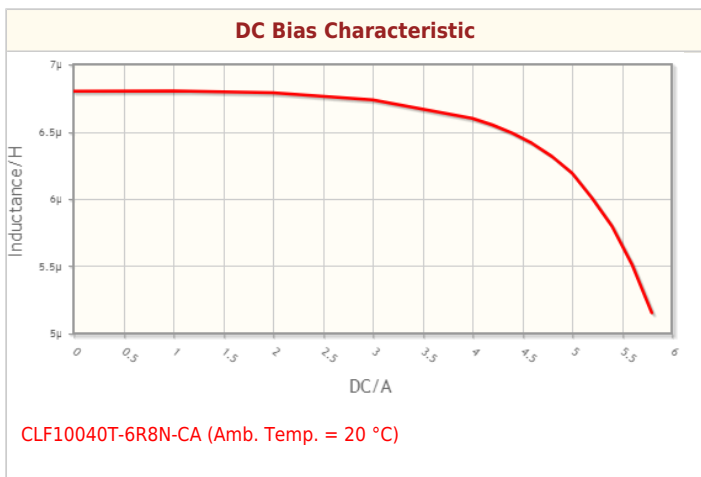
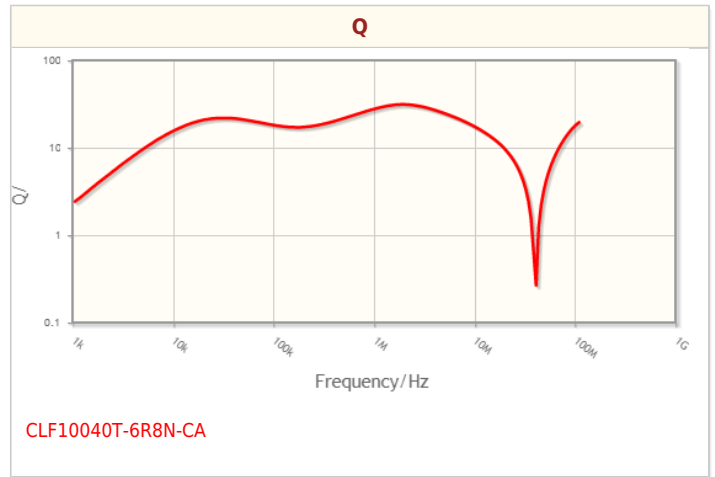
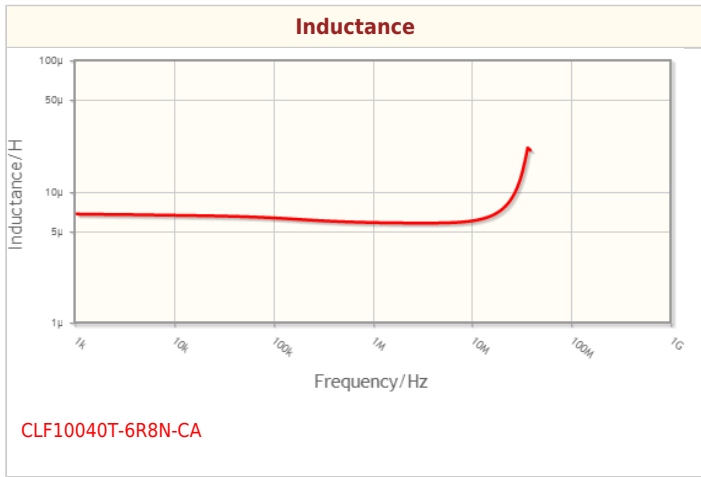
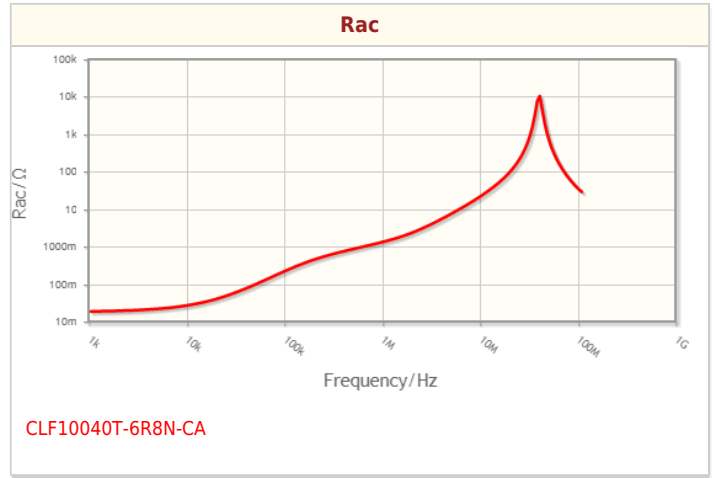
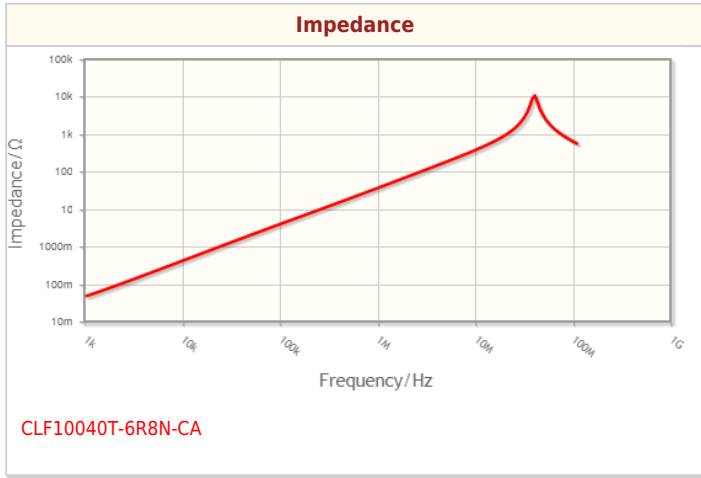
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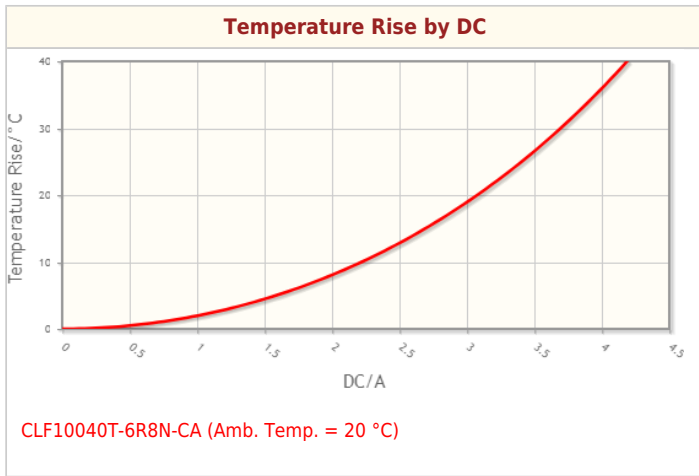
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