

CLF10040T-100M-CA



Applications	Automotive Grade
Feature	Magnetic Shield
	Wire Wound
	Ferrite Core
	AEC-Q200
Series Type	CLF-CA
Status	EOL announced Recommended Alternate Part No. : VLS6045EX-100M-H (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	10µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	4A (10% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	3.3A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	26mΩ
DC Resistance [Max.]	31.2mΩ
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	Yes

Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	800pcs
Weight	1.3g

! Images are for reference only and show exemplary products.

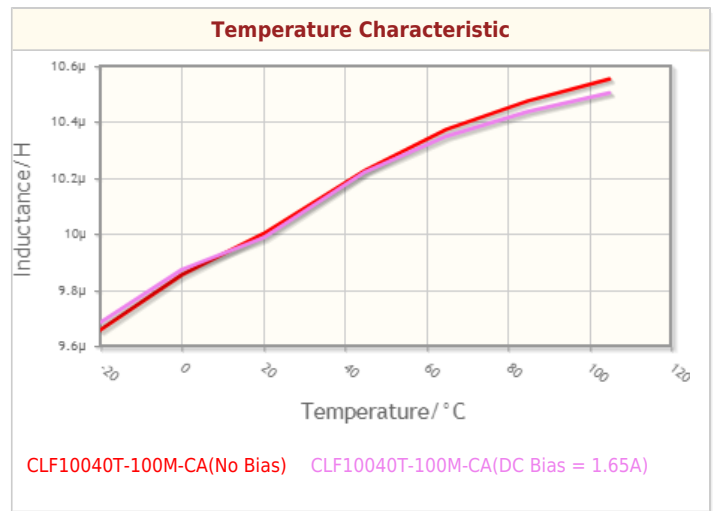
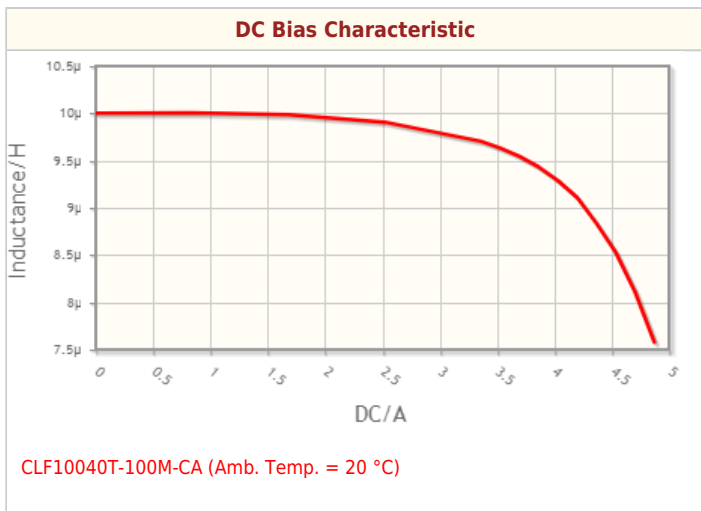
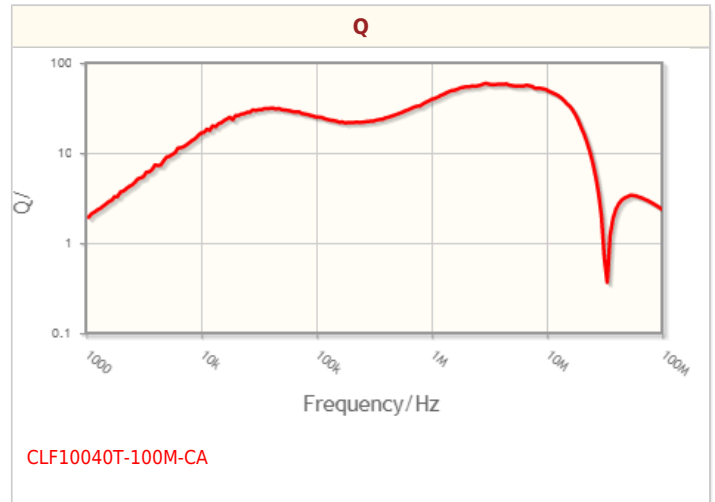
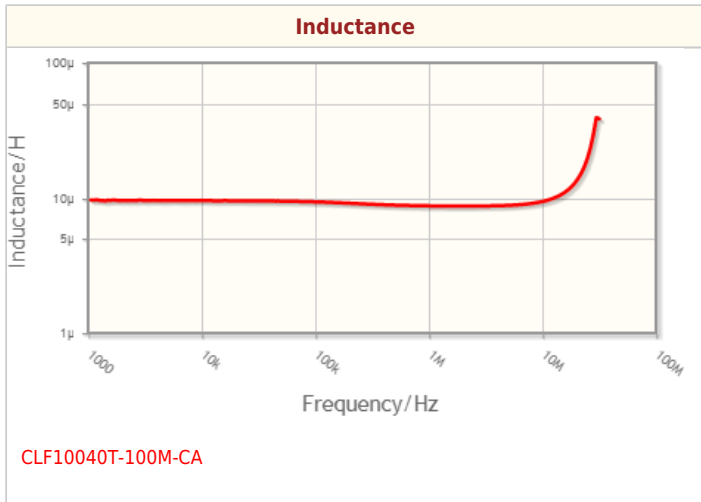
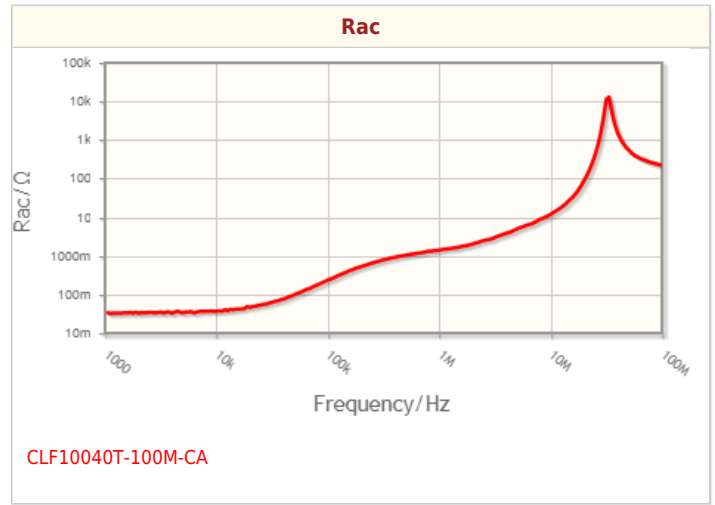
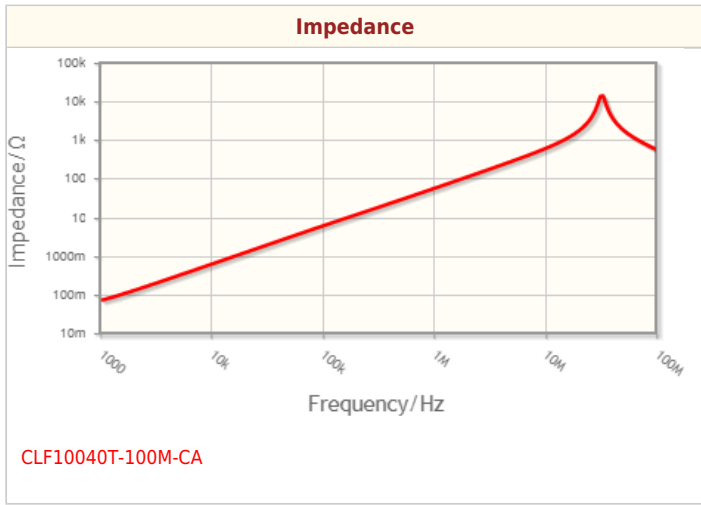
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

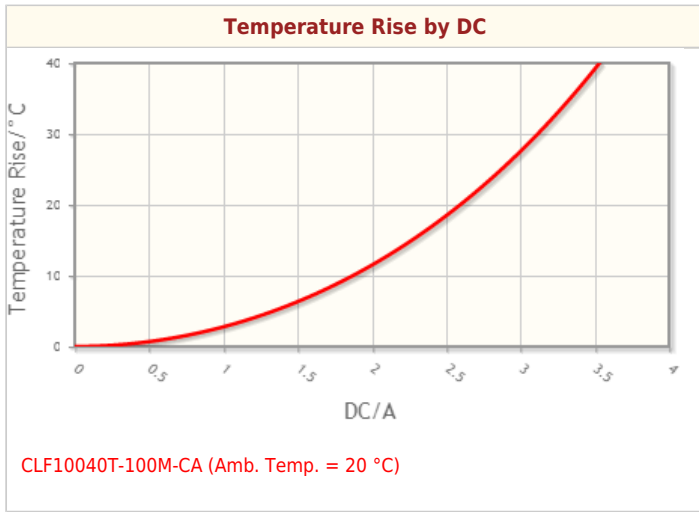


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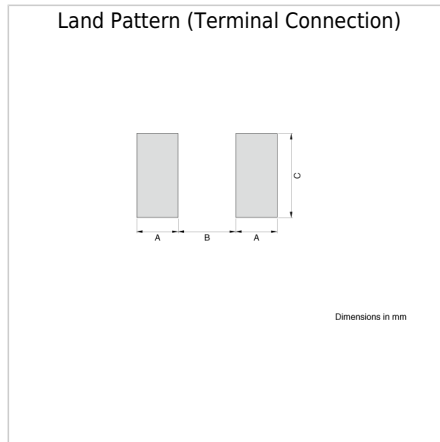
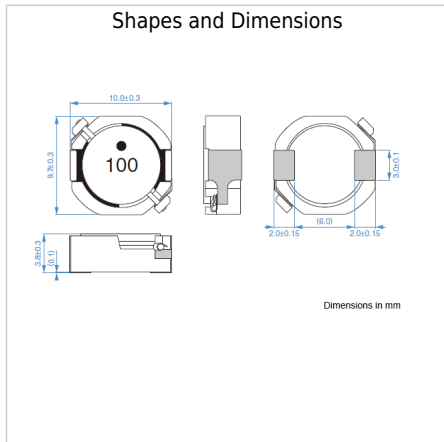


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Associated Images



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