

Obsolete

Recommended Alternate Part No. : CLF10040T-100M-D (Interchangeability is not guaranteed.)

Product Status

Discontinue Issue Date : May.18, 2017

Last Purchase Order Date : Mar.29, 2019

Last Shipment Date : Sep.30, 2019

Applications

Commercial Grade

Wire Wound

Wire Wound

Feature

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

Series | Type

VLF

Brand

TDK

Environmental

RoHS



REACH



Lead Free

Compliance**Size**

Length(L)	10.00mm Nom.
Width(W)	9.70mm Nom.
Thickness Height	4.00mm Max.
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	7.30mm Nom.
Recommended Land Pattern (C)	3.60mm Nom.

Electrical Characteristics

Inductance	10 μ H \pm 20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	3.8A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.8A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	28m Ω
DC Resistance [Max.]	33m Ω
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other

Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)
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! Images are for reference only and show exemplary products.

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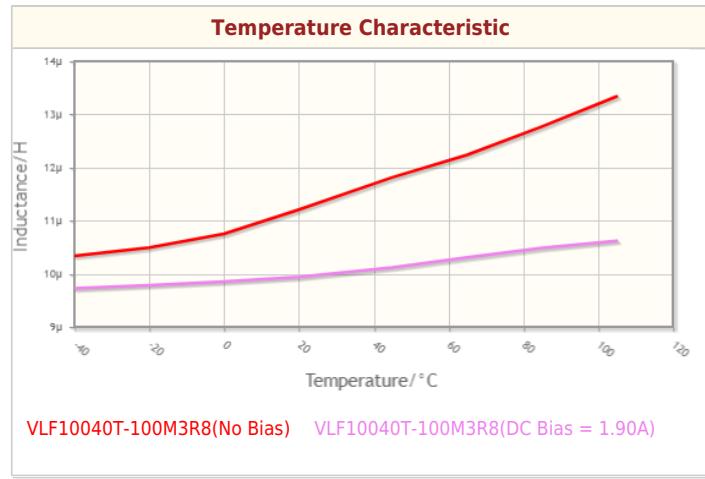
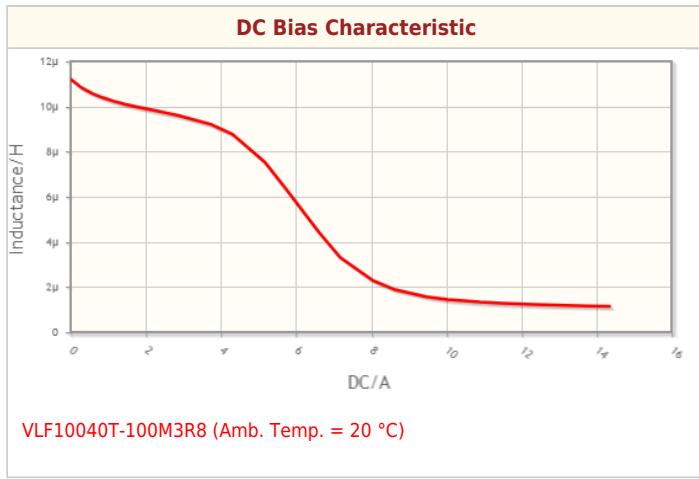
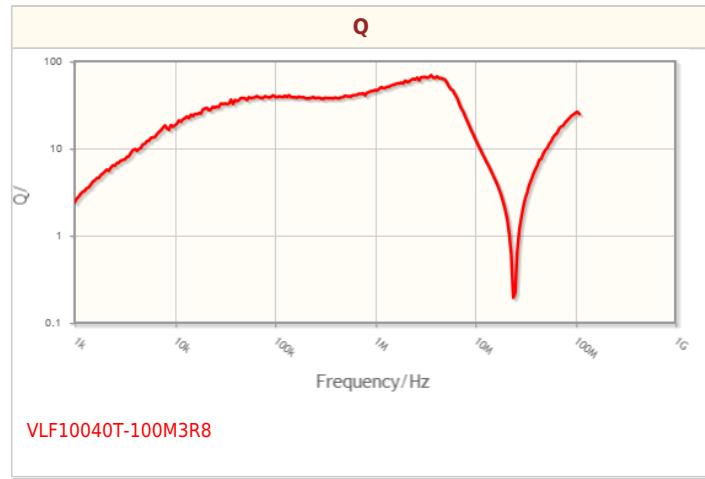
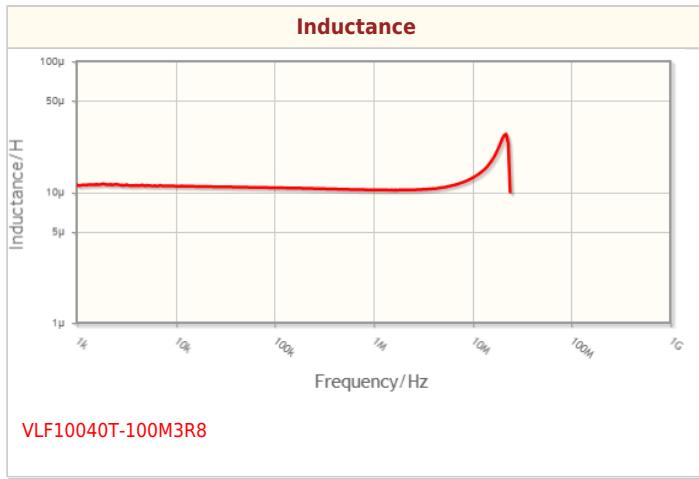
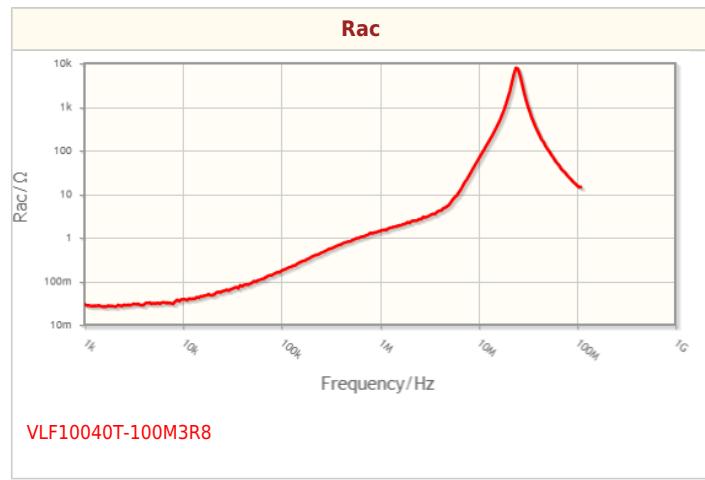
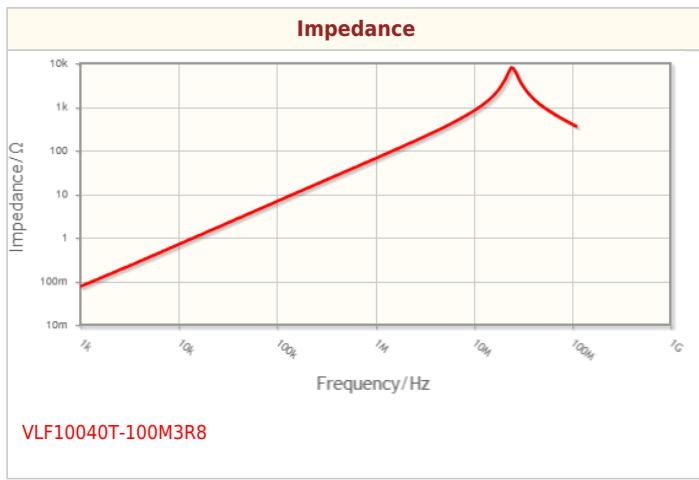
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VLF10040T-100M3R8

Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	1.27g

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

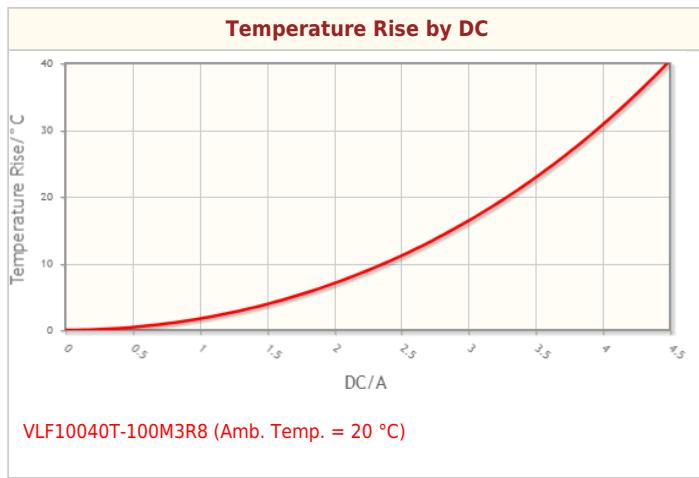


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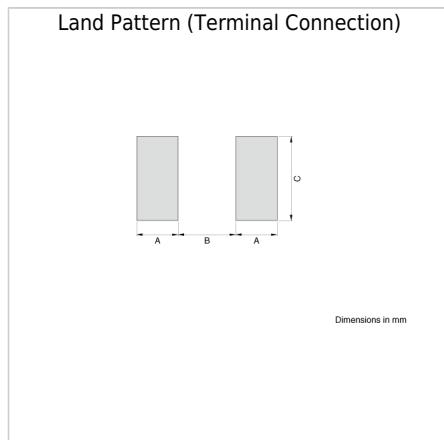
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Associated Images



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