

Applications



Commercial Grade

Feature

Wire Wound

Wire Wound

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

Series | Type

VLF



Obsolete

Recommended Alternate Part No. : [VLS4012CX-1R0M-1](#) (Interchangeability is not guaranteed.)

Status

Discontinue Issue Date : May.18, 2017

Last Purchase Order Date : Mar.29, 2019

Last Shipment Date : Sep.30, 2019

Brand

TDK



Size

Length(L)	3.80mm Nom.
Width(W)	3.60mm Nom.
Thickness Height	1.20mm Max.
Recommended Land Pattern (A)	0.90mm Nom.
Recommended Land Pattern (B)	2.90mm Nom.
Recommended Land Pattern (C)	1.30mm Nom.

Electrical Characteristics

Inductance	1μH ±30% at 1MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	2.7A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.9A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	45mΩ
DC Resistance [Max.]	54mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other

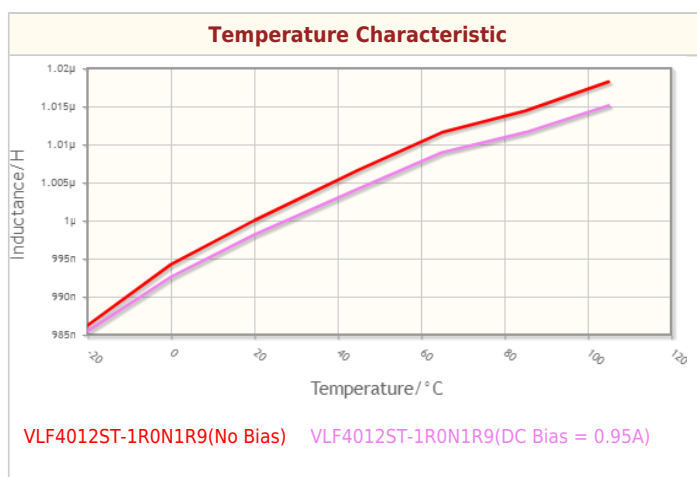
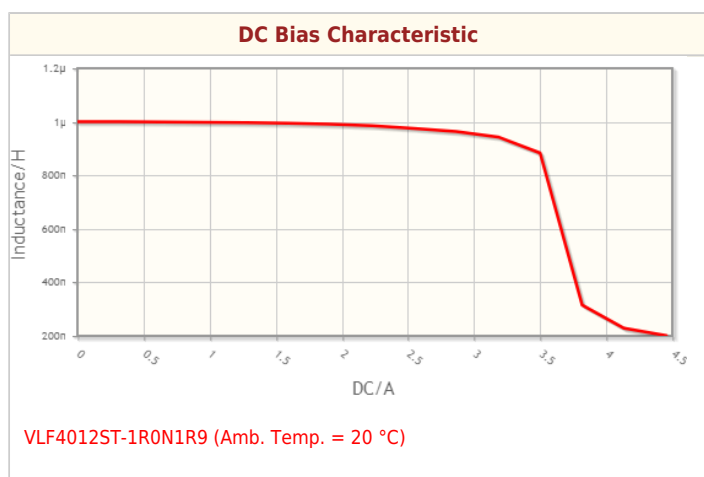
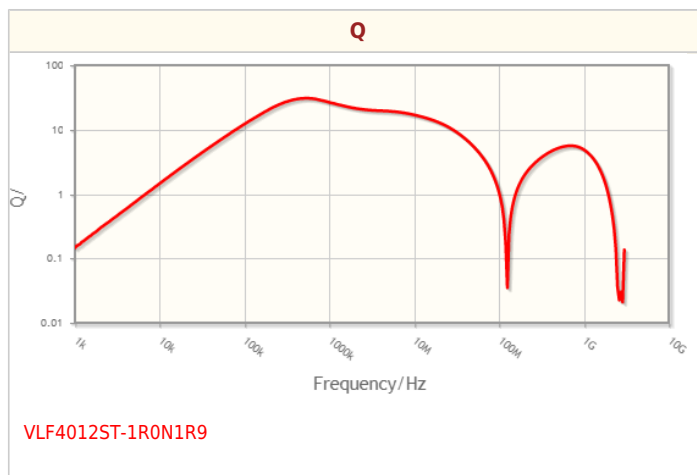
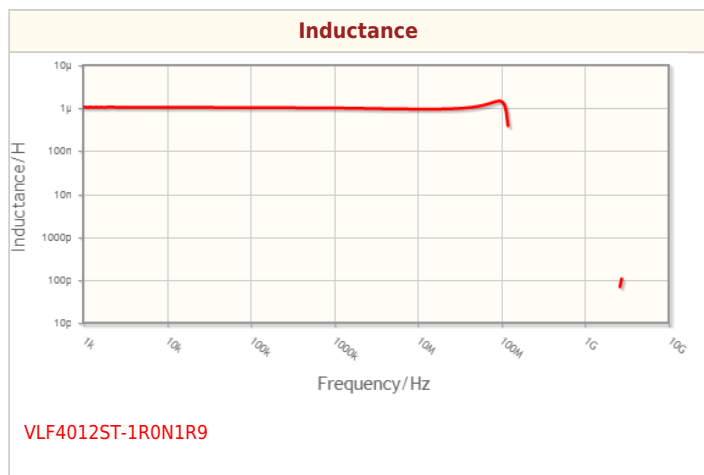
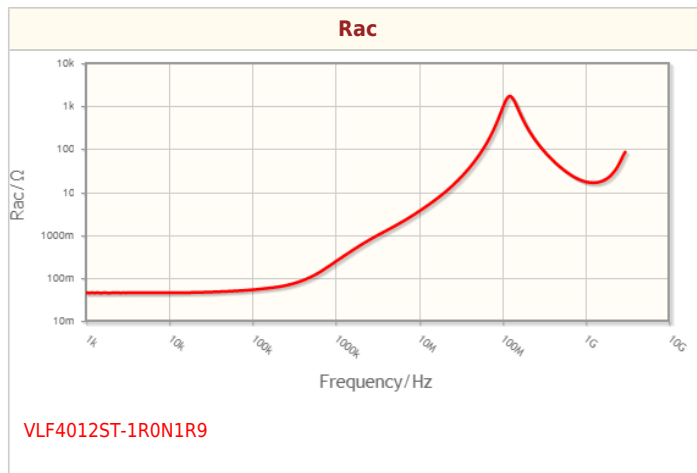
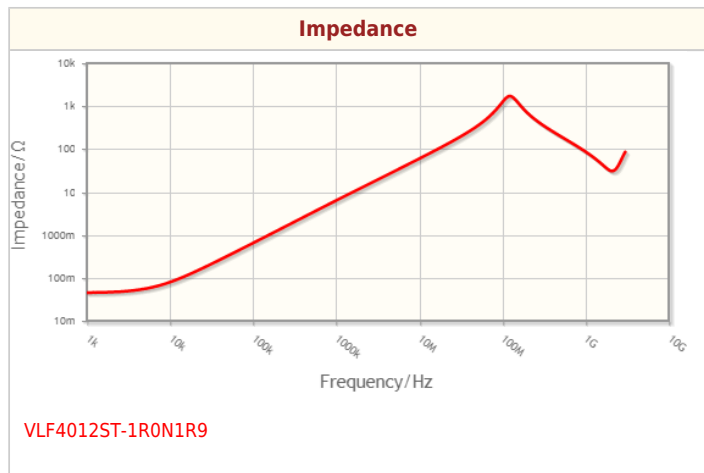
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs
Weight	0.05g

Images are for reference only and show exemplary products.

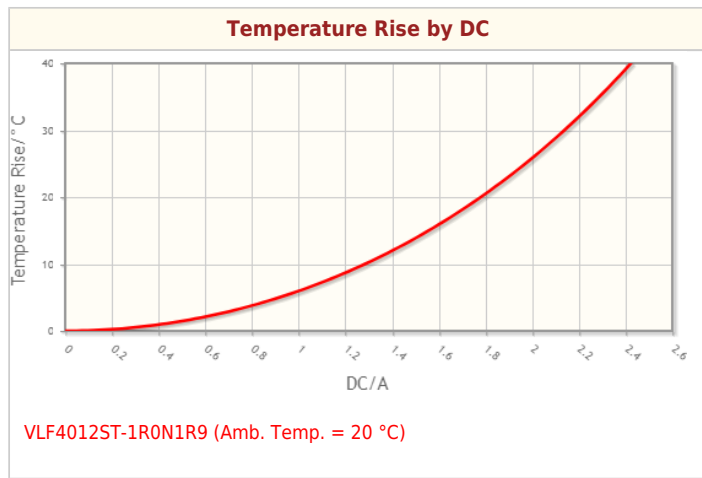
This PDF document was created based on the data listed on the TDK Corporation website.

All specifications are subject to change without notice.

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



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Associated Images

