

VLF3012ST-2R2M1R4



Applications



Commercial Grade

Feature



Magnetic Shield



Wire Wound



Ferrite Core

Series | Type

VLF



Obsolete

Recommended Alternate Part No. : [VLS3012CX-2R2M-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)	3.00mm Nom.
Width(W)	2.80mm Nom.
Thickness Height	1.20mm Max.
Recommended Land Pattern (A)	0.65mm Nom.
Recommended Land Pattern (B)	2.10mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	2.2μH ±20% at 1MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	1.4A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.9A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	60mΩ
DC Resistance [Max.]	72mΩ
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	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

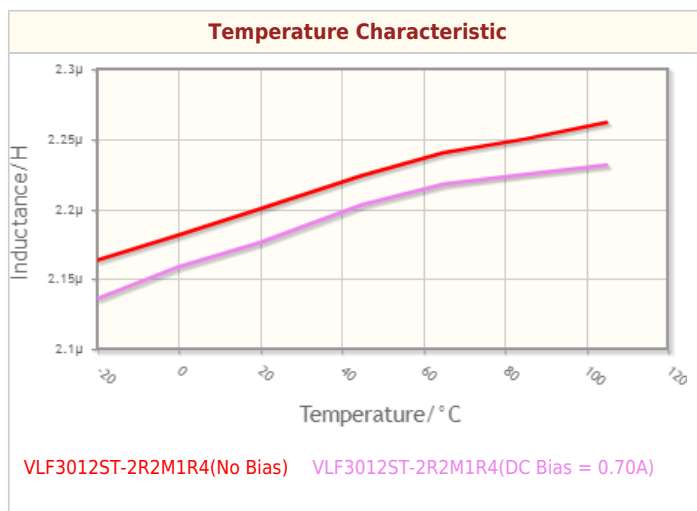
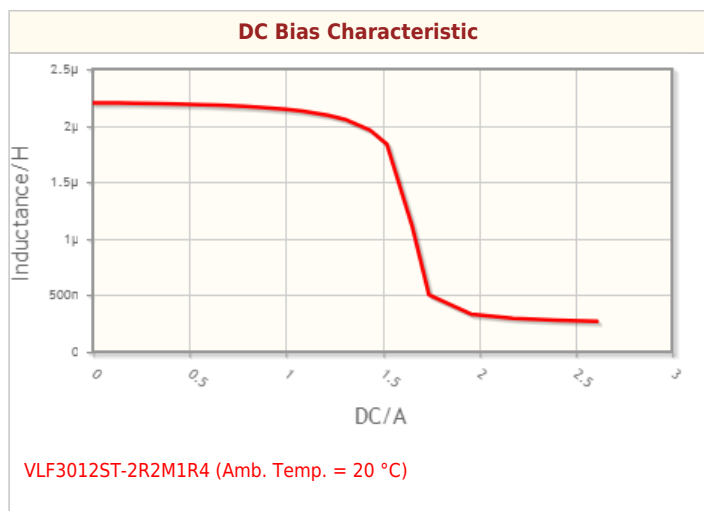
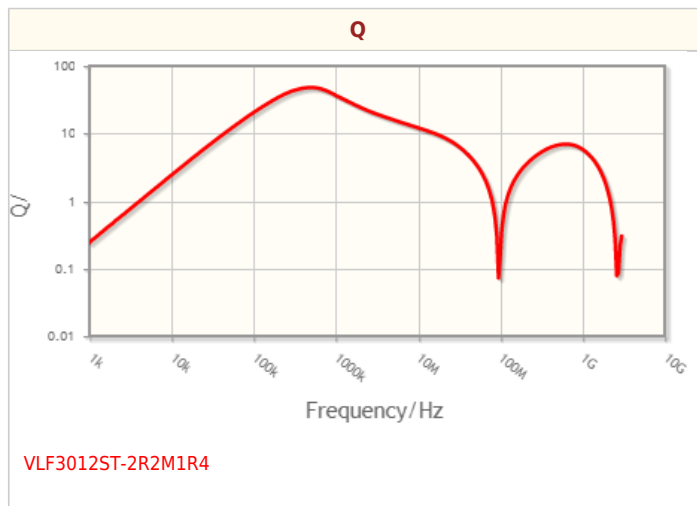
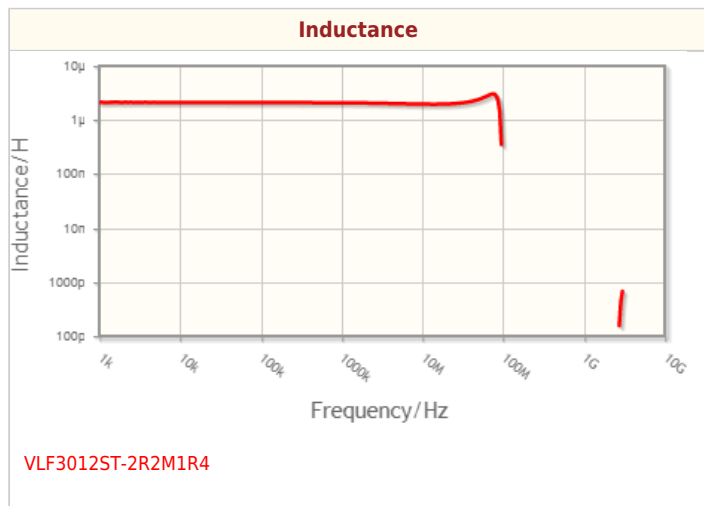
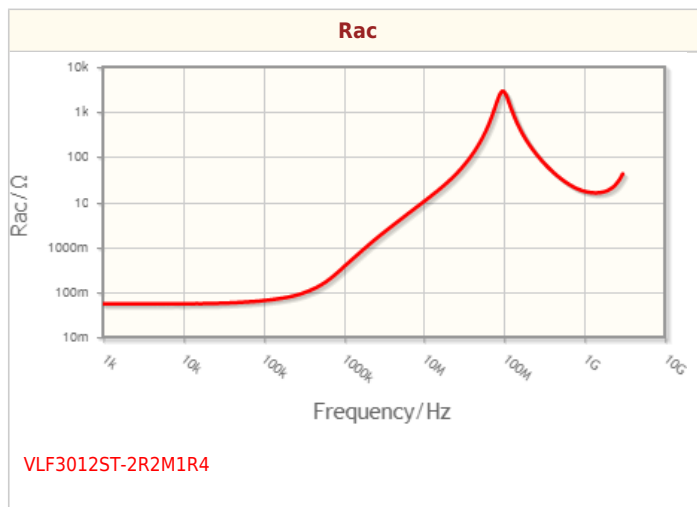
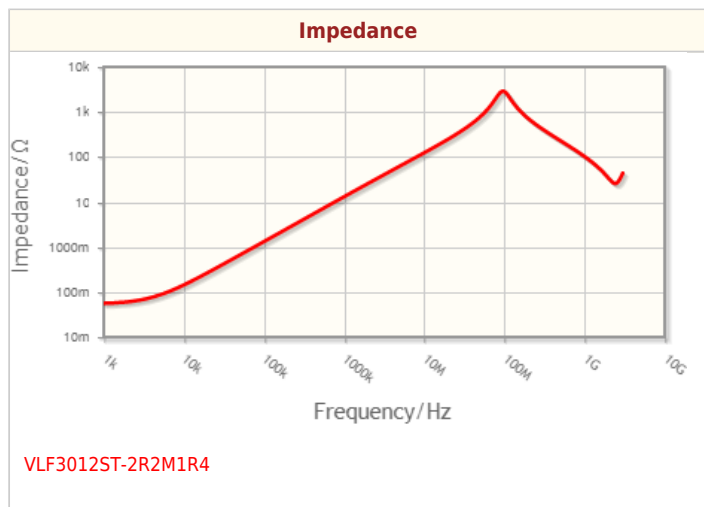
Weight	0.03g
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! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

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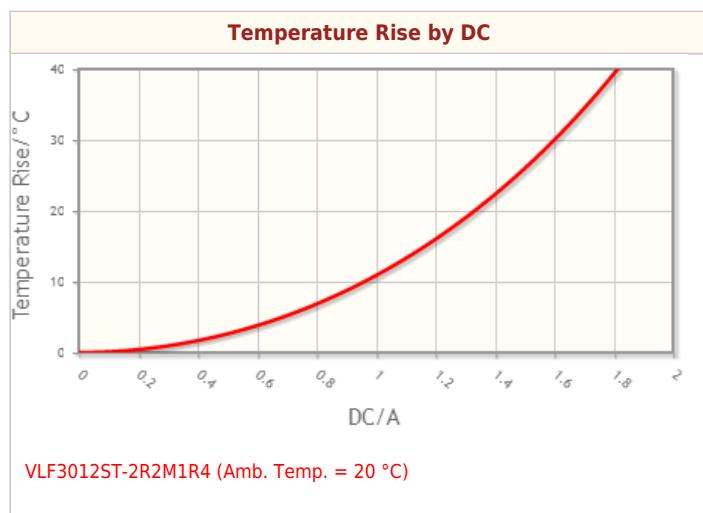
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

