

VLF3012ST-2R2M1R4

**Applications**

Commercial Grade

Feature

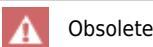
Shield Magnetic Shield

Wire Wound Wire Wound

Ferrite Core Ferrite Core

Series | Type

VLF



Obsolete

Recommended Alternate Part No. : [VLS3012CX-2R2M-1](#) (Interchangeability is not guaranteed.)

Status

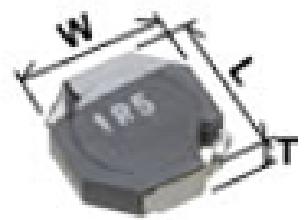
Discontinue Issue Date : May.18, 2017

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	2.2 μ H $\pm 20\%$ 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.]	60m Ω
DC Resistance [Max.]	72m Ω
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

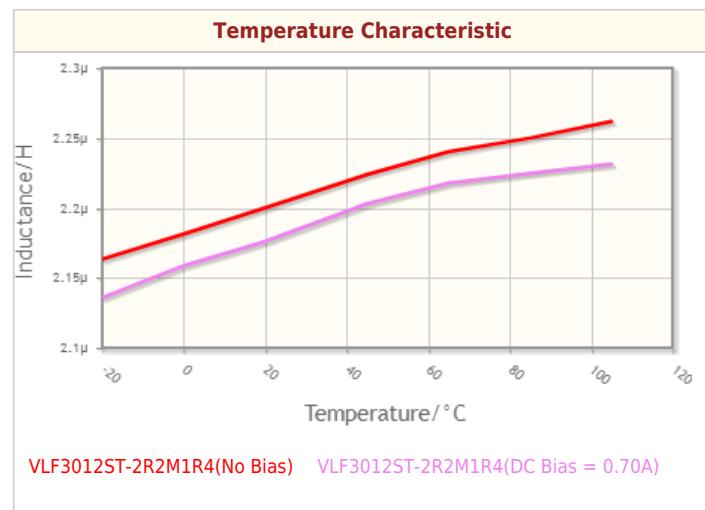
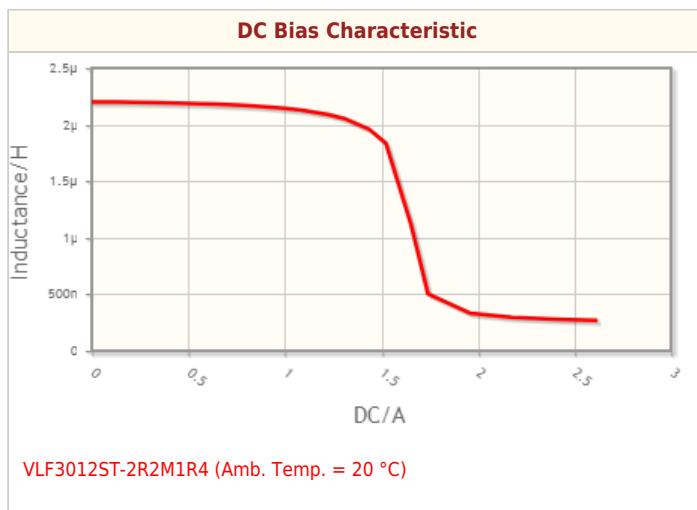
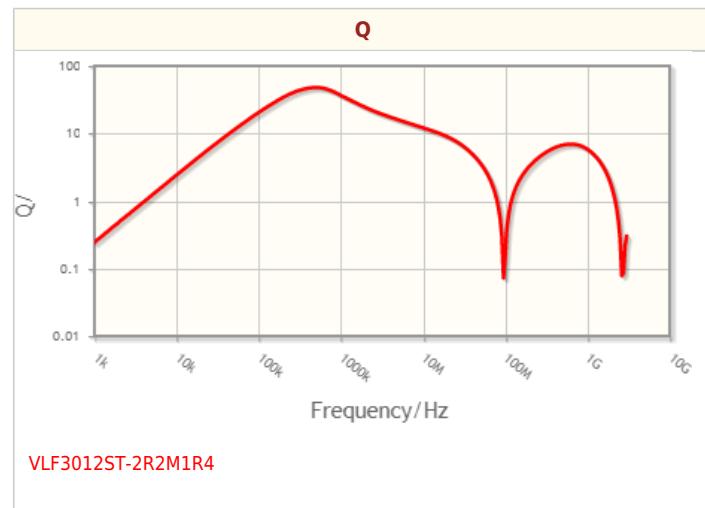
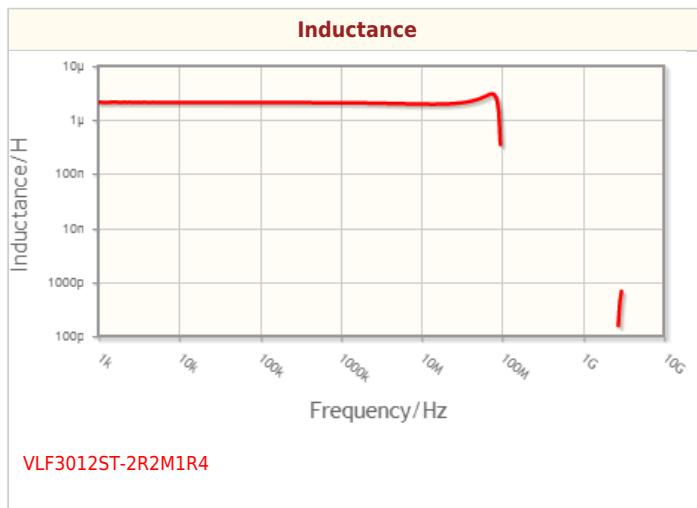
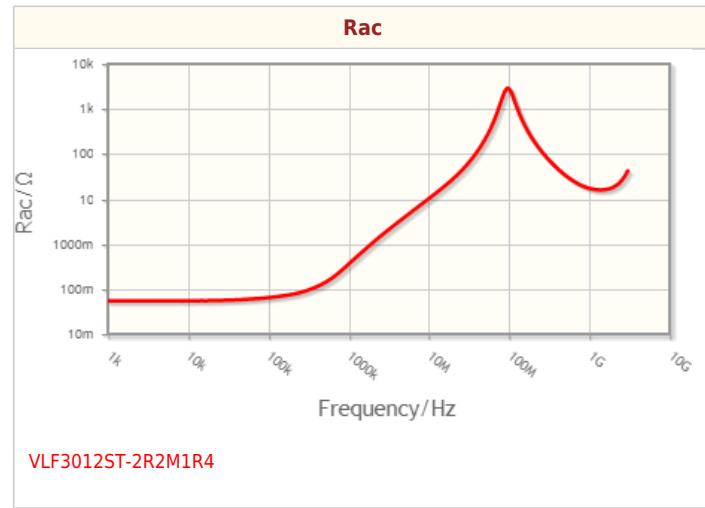
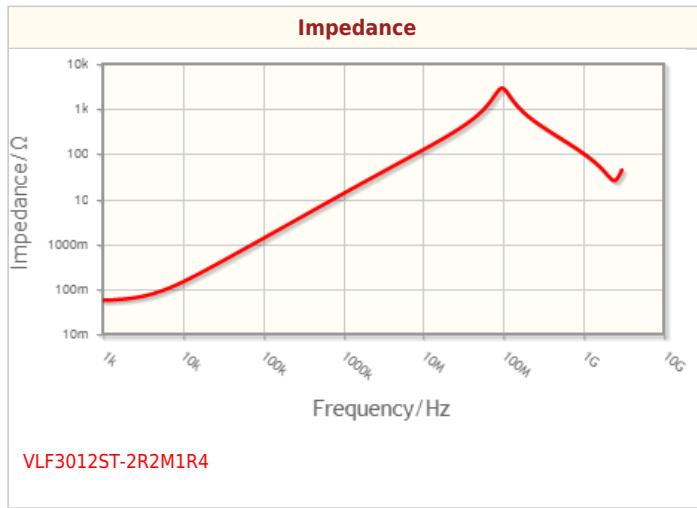
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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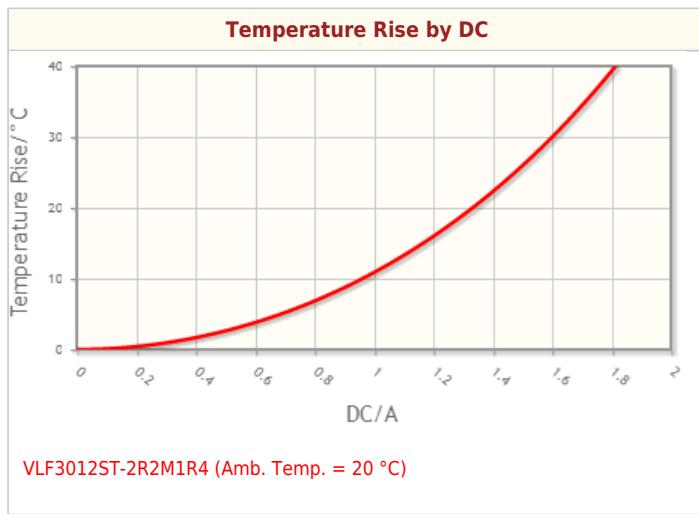
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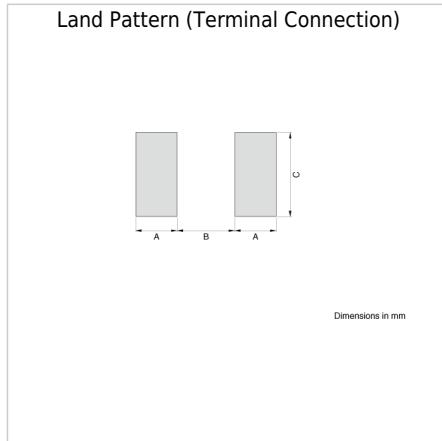
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Associated Images



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