

Applications



Commercial Grade

Feature

Wire Wound

Wire Wound

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

Series | Type

VLF-M



Obsolete

Recommended Alternate Part No. : [VLS3012HBX-2R2M-N](#) (Interchangeability is not guaranteed.)

Status

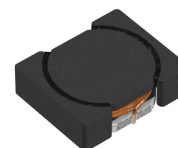
Discontinue Issue Date : May.18, 2017

Last Purchase Order Date : Mar.31, 2021

Last Shipment Date : Sep.30, 2021

Brand

TDK



Size

Length(L)	3.00mm ±0.20mm
Width(W)	2.50mm ±0.20mm
Thickness   Height	1.00mm Max.
Recommended Land Pattern (A)	0.90mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	1.45mm Nom.

Electrical Characteristics

Inductance	2.2μH ±20% at 1MHz
Rated Current (L Change) [Typ.]	1.37A (30% Down)
Rated Current (L Change) [Max.]	1.23A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.5A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	70mΩ
DC Resistance [Max.]	84mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other

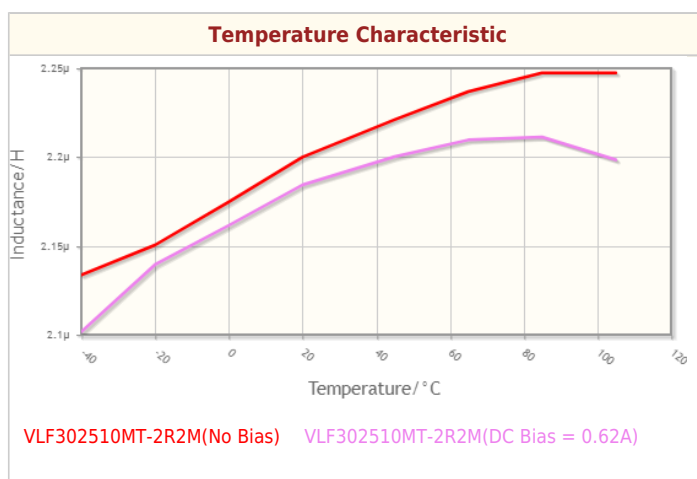
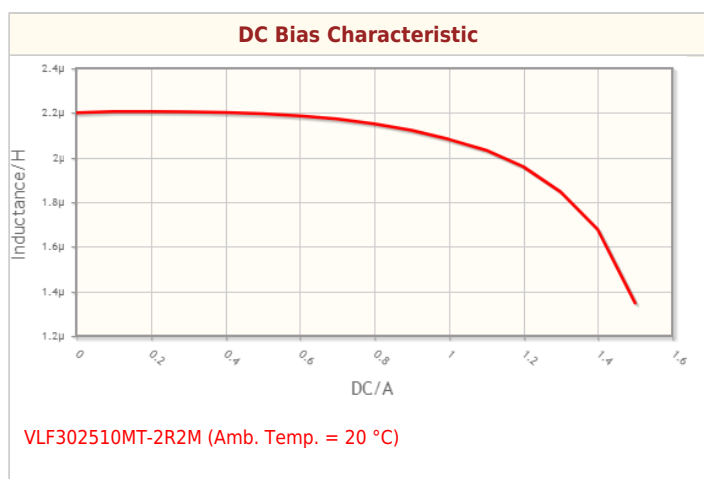
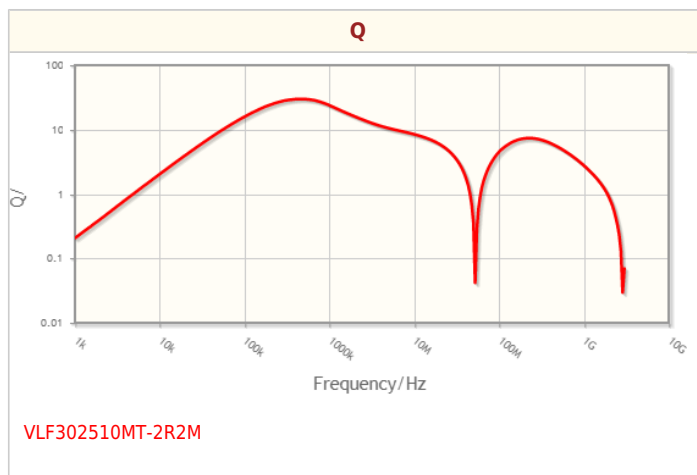
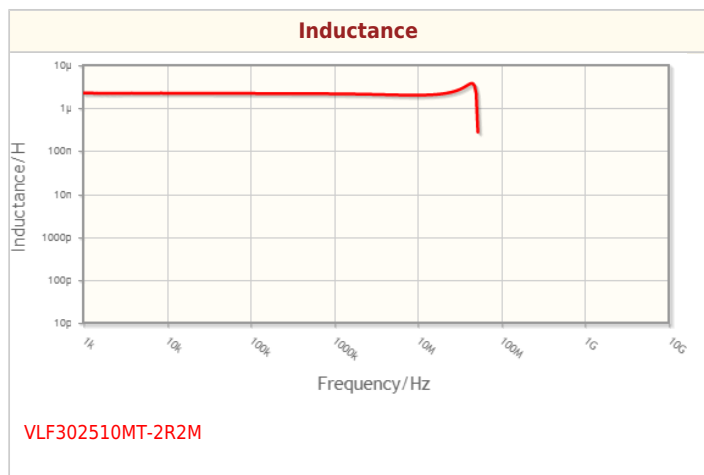
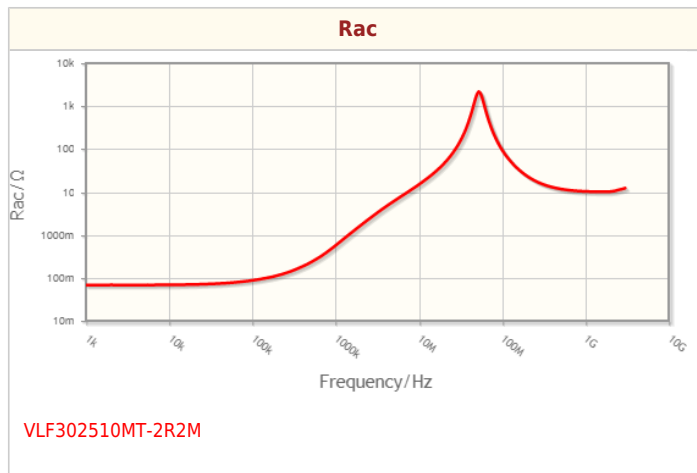
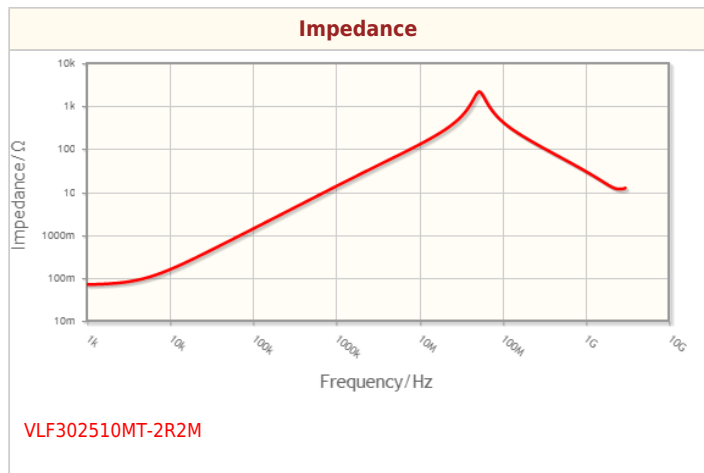
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.026g

Images are for reference only and show exemplary products.

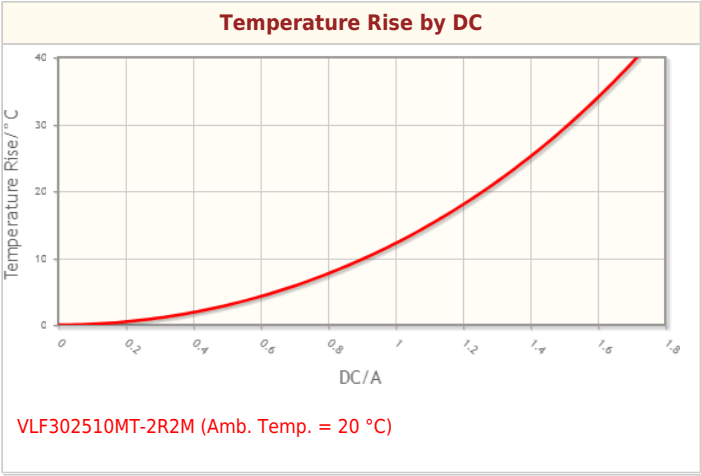
This PDF document was created based on the data listed on the TDK Corporation website.

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

