

VLF504012MT-3R3M

Obsolete

Recommended Alternate Part No. : [VLS3012HBX-3R3M-N](#) (Interchangeability is not guaranteed.)

Product Status

Discontinue Issue Date : May.18, 2017
Last Purchase Order Date : Mar.31, 2021
Last Shipment Date : Sep.30, 2021

Applications

Commercial Grade

Feature

Wire Wound Wire Wound
Shield Magnetic Shield
Ferrite Core Ferrite Core



Series | Type

VLF-M

Brand

TDK

Environmental Compliance



Size	
Length(L)	5.00mm ±0.30mm
Width(W)	4.00mm ±0.30mm
Thickness Height	1.20mm Max.
Recommended Land Pattern (A)	1.30mm Nom.
Recommended Land Pattern (B)	1.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	3.3µH ±20% at 1MHz
Rated Current (L Change) [Typ.]	2.37A (30% Down)
Rated Current (L Change) [Max.]	2.13A (30% Down)
Rated Current (Temperature Rise) [Typ.]	2.47A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	62mΩ
DC Resistance [Max.]	74mΩ
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)

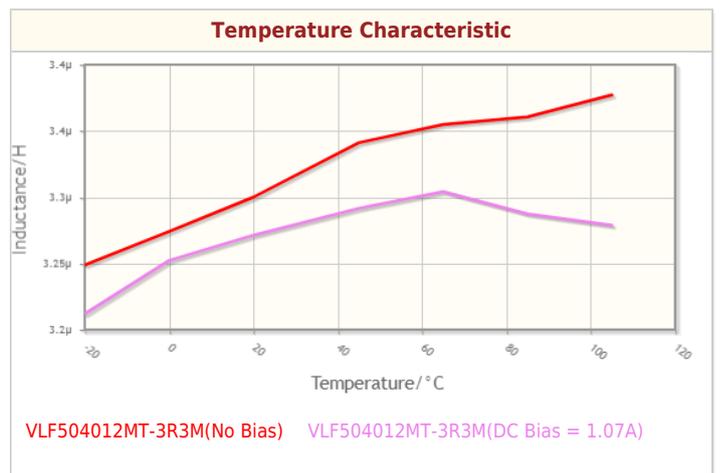
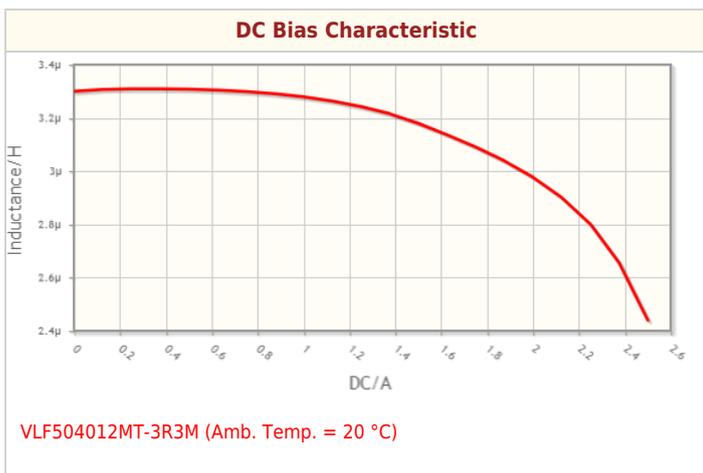
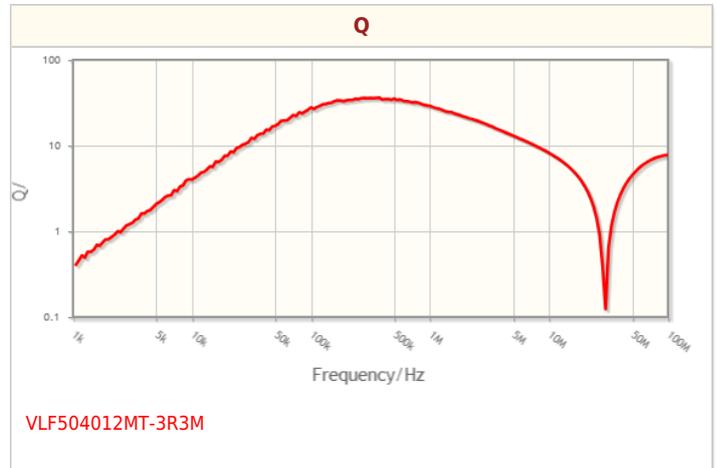
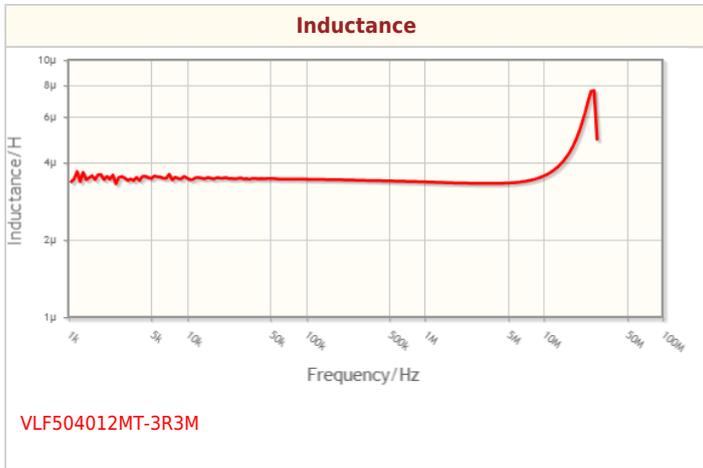
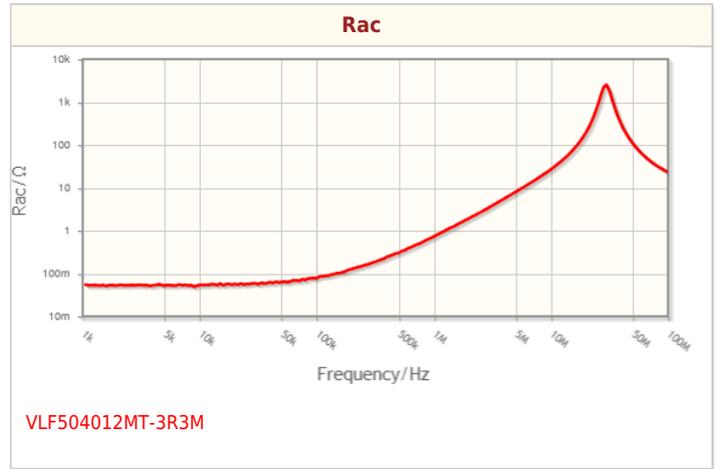
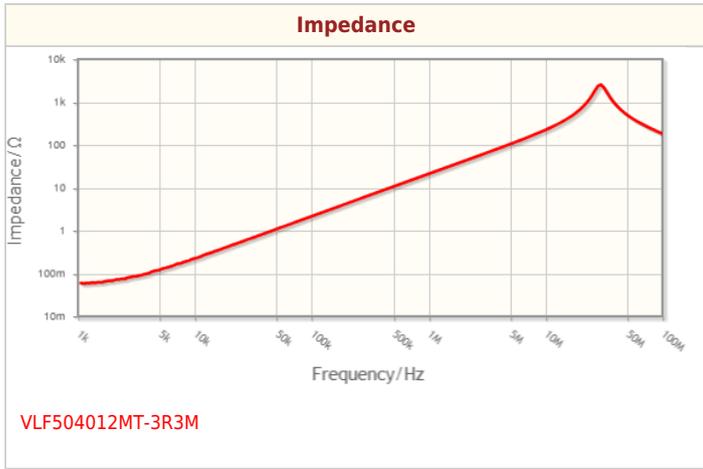
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! All specifications are subject to change without notice.

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Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs
Weight	0.089g

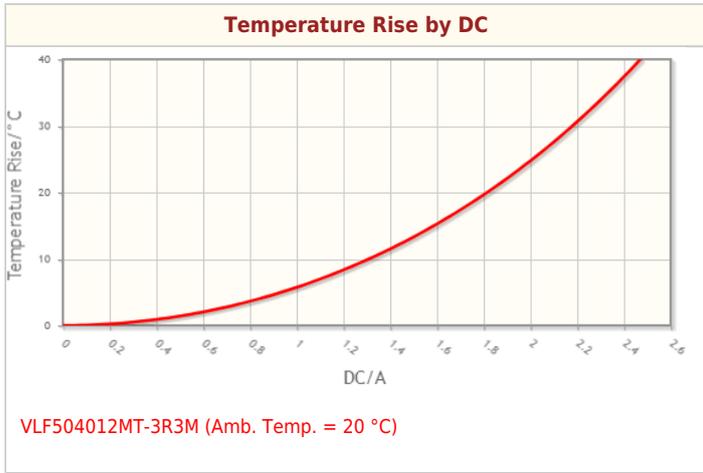
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

