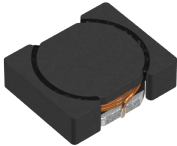


Product Status	Obsolete
	Recommended Alternate Part No. : VLS3012HBX-150M-N (Interchangeability is not guaranteed.)
	Discontinue Issue Date : May.18, 2017
	Last Purchase Order Date : Mar.31, 2021
	Last Shipment Date : Sep.30, 2021
Applications	Commercial Grade
Feature	Wire WoundWire Wound
	ShieldMagnetic Shield
	Ferrite CoreFerrite Core
Series Type	VLF-M
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>



Size	
Length(L)	5.00mm ±0.30mm
Width(W)	4.00mm ±0.30mm
Thickness Height	1.50mm 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	15μH ±20% at 1MHz
Rated Current (L Change) [Typ.]	1.25A (30% Down)
Rated Current (L Change) [Max.]	1.13A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.37A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	180mΩ
DC Resistance [Max.]	220mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

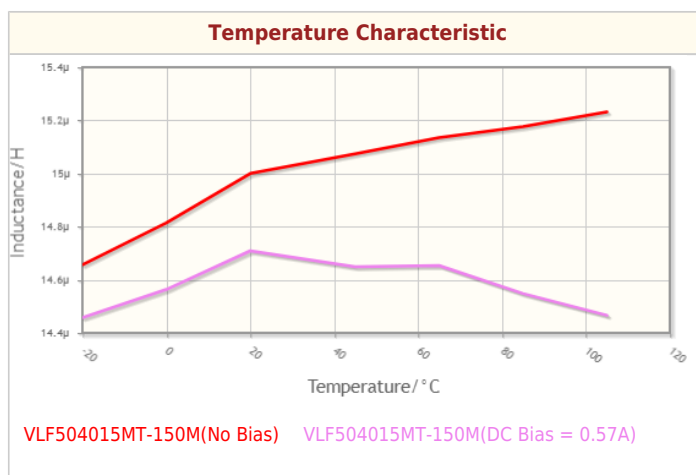
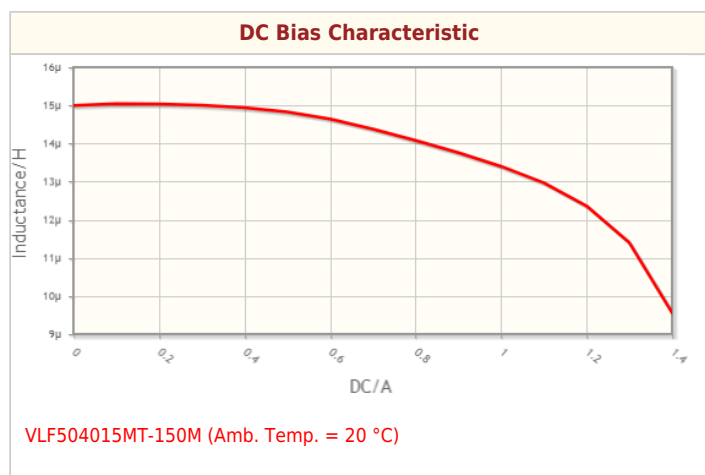
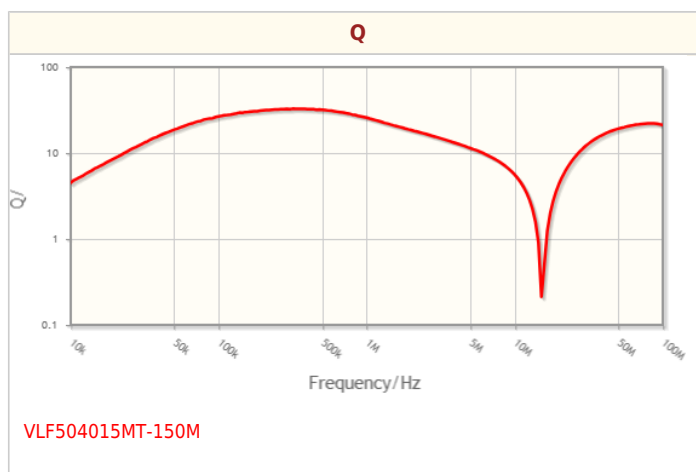
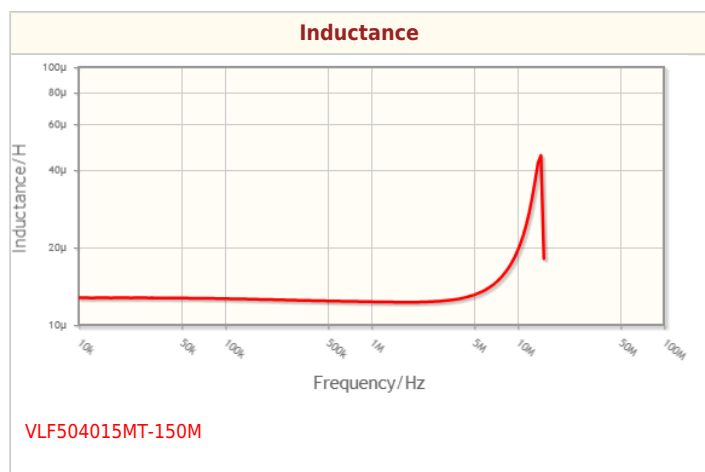
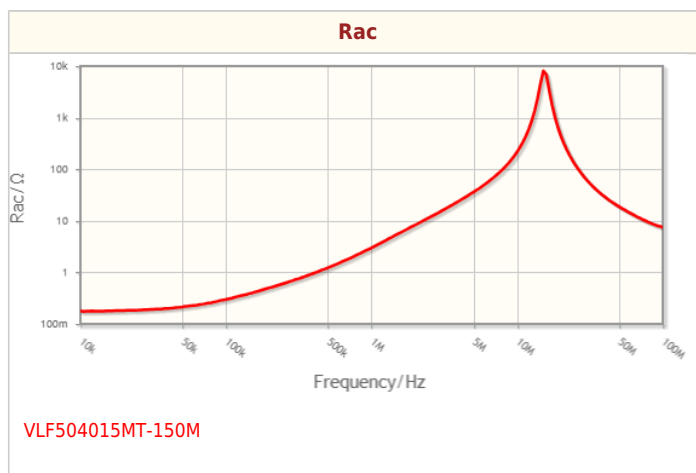
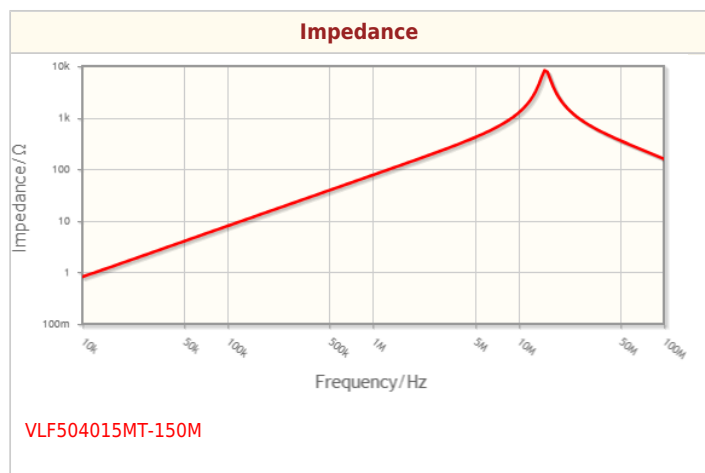
Other	
Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)

! 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.

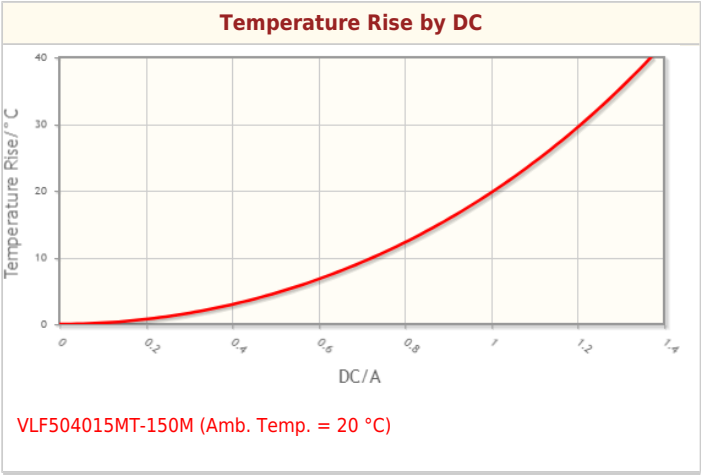
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs
Weight	0.114g

VLF504015MT-150M

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



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



Associated Images

