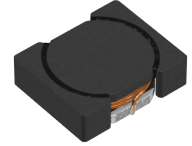


Applications	Commercial Grade
Feature	Wire Wound Magnetic Shield Ferrite Core
Series Type	VLF-M
Status	Obsolete Recommended Alternate Part No. : VLS3012HBX-1R0M-N (Interchangeability is not guaranteed.) Discontinue Issue Date : May.18, 2017 Last Purchase Order Date : Mar.31, 2021 Last Shipment Date : Sep.30, 2021
Brand	TDK



Size	
Length(L)	4.00mm ±0.20mm
Width(W)	3.20mm ±0.20mm
Thickness Height	1.00mm Max.
Recommended Land Pattern (A)	1.10mm Nom.
Recommended Land Pattern (B)	1.30mm Nom.
Recommended Land Pattern (C)	1.80mm Nom.

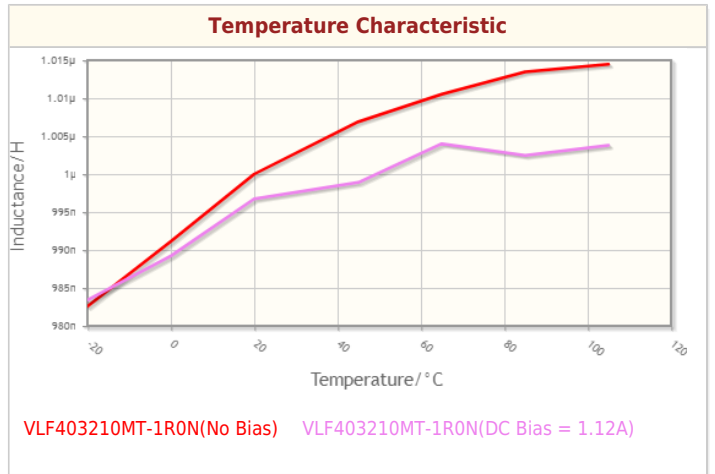
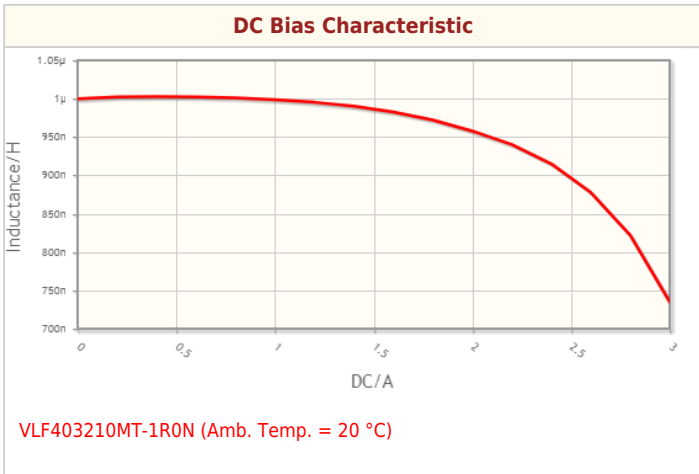
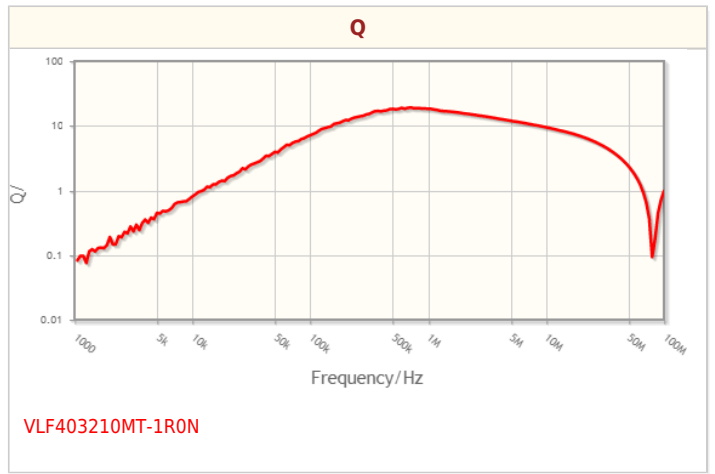
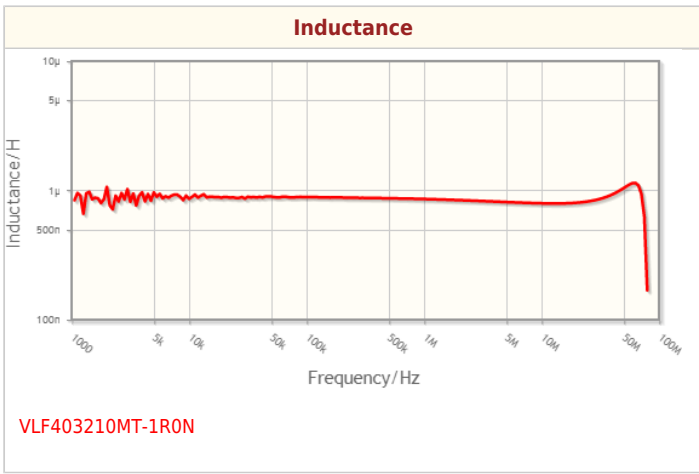
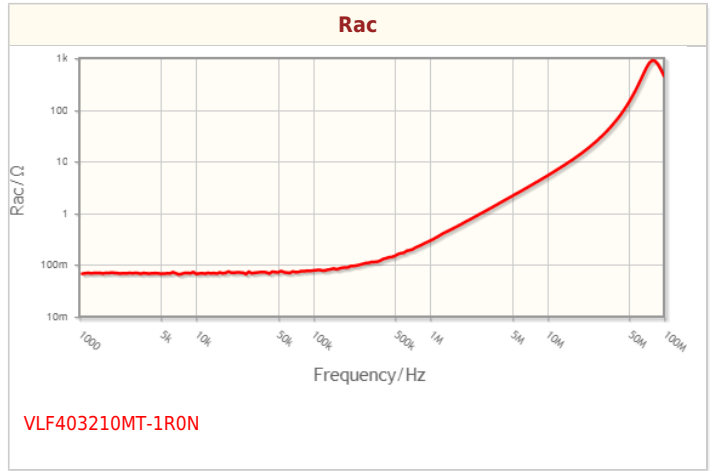
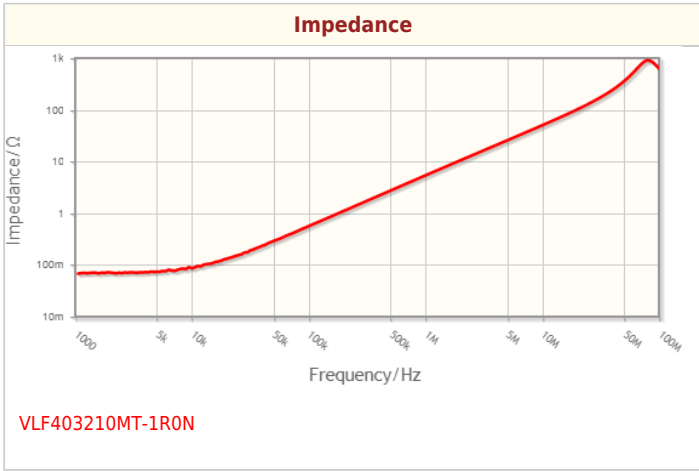
Electrical Characteristics	
Inductance	1μH ±30% at 1MHz
Rated Current (L Change) [Typ.]	2.48A (30% Down)
Rated Current (L Change) [Max.]	2.23A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.44A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	26mΩ
DC Resistance [Max.]	32mΩ
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]

! 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.

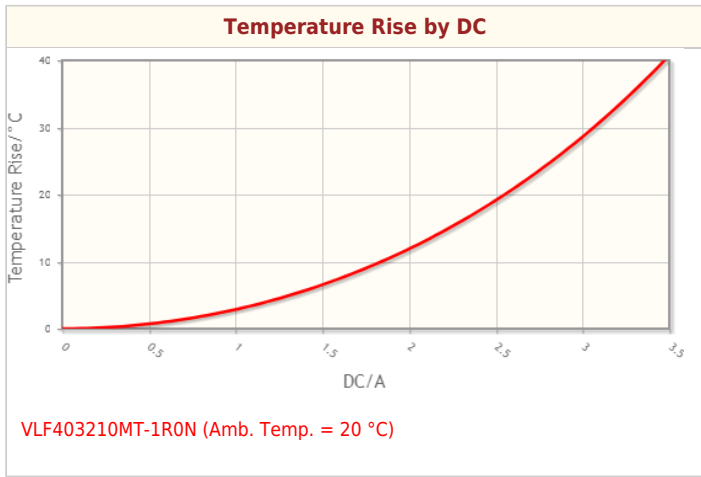
Package Quantity	1000pcs
Weight	0.048g

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



! 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.)



! 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.

Associated Images

