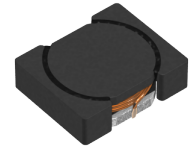


Applications	Commercial Grade
Feature	Wire Wound Wire Wound Shield Magnetic Shield Ferrite Core Ferrite Core
Series Type	VLF-M
Status	Obsolete Recommended Alternate Part No. : VLS3012HBX-4R7M-N (Interchangeability is not guaranteed.) Discontinue Issue Date : May.18, 2017 Last Purchase Order Date : Mar.31, 2021 Last Shipment Date : Sep.30, 2021
Brand	TDK



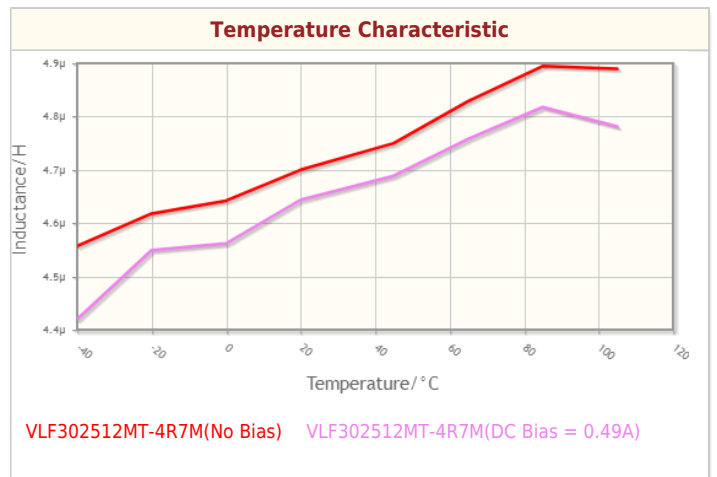
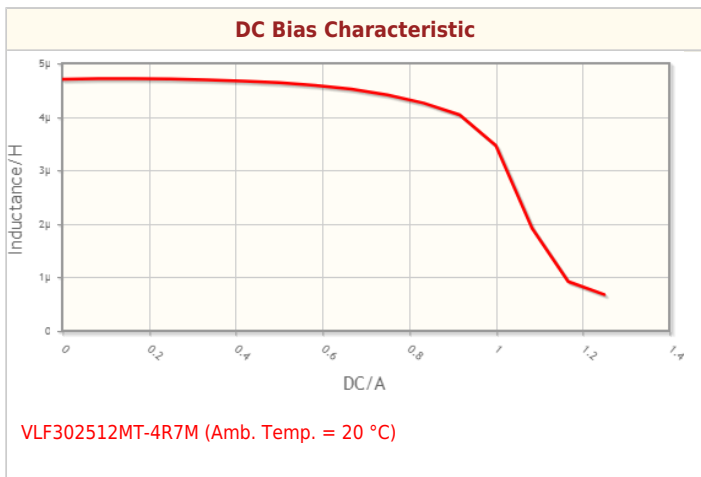
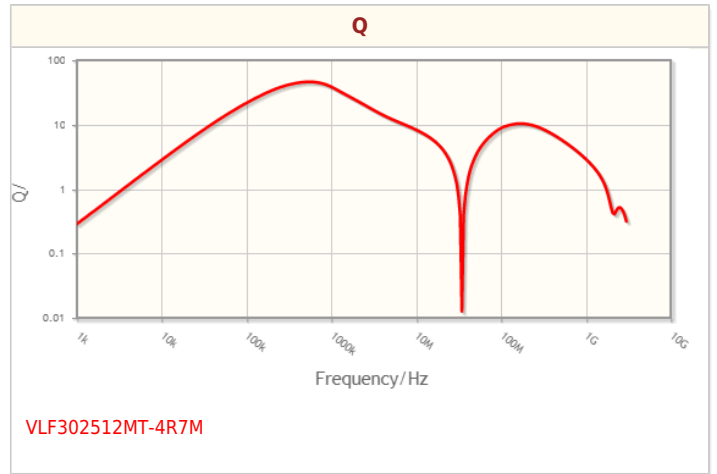
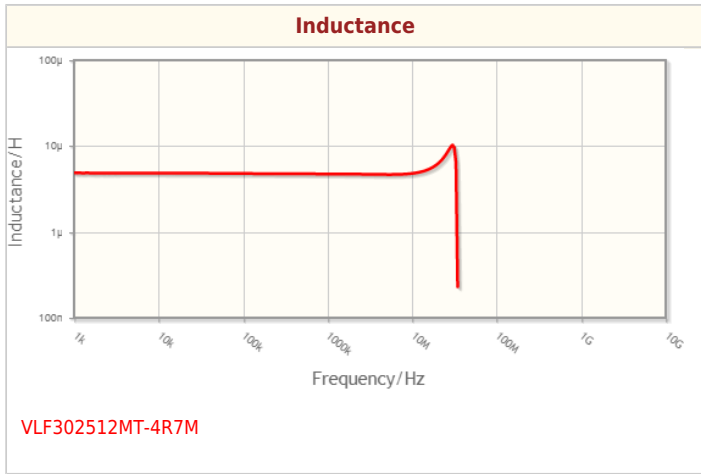
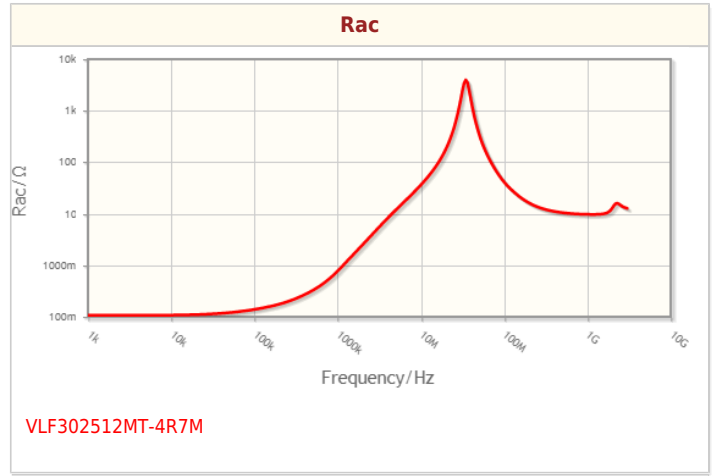
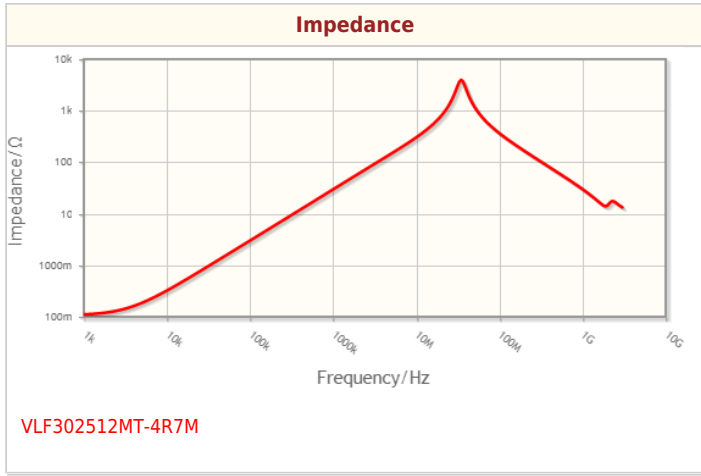
Size	
Length(L)	3.00mm ±0.20mm
Width(W)	2.50mm ±0.20mm
Thickness Height	1.20mm Max.
Recommended Land Pattern (A)	0.90mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	1.45mm Nom.

Electrical Characteristics	
Inductance	4.7µH ±20% at 1MHz
Rated Current (L Change) [Typ.]	1.08A (30% Down)
Rated Current (L Change) [Max.]	970mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.42A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	113mΩ
DC Resistance [Max.]	136mΩ
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	0.033g

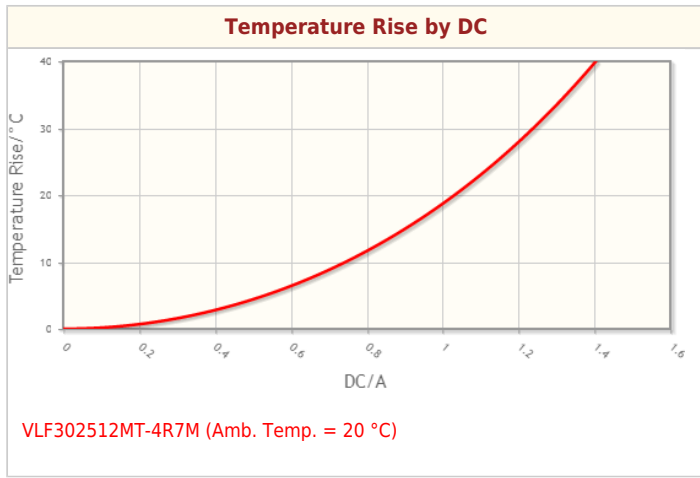
Images are for reference only and show exemplary products.
 This PDF document was created based on the data listed on the TDK Corporation website.
 All specifications are subject to change without notice.

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.

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.

Copyright(c) TDK Corporation. All rights reserved.

Downloaded from [Arrow.com](https://arrow.com)

Associated Images

