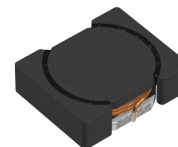


VLF504010MT-4R7M



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



Size	
Length(L)	5.00mm ±0.30mm
Width(W)	4.00mm ±0.30mm
Thickness Height	1.00mm 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	4.7μH ±20% at 1MHz
Rated Current (L Change) [Typ.]	1.47A (30% Down)
Rated Current (L Change) [Max.]	1.32A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.77A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	100mΩ
DC Resistance [Max.]	120mΩ
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)
Soldering Method	Reflow

! 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.

VLF504010MT-4R7M

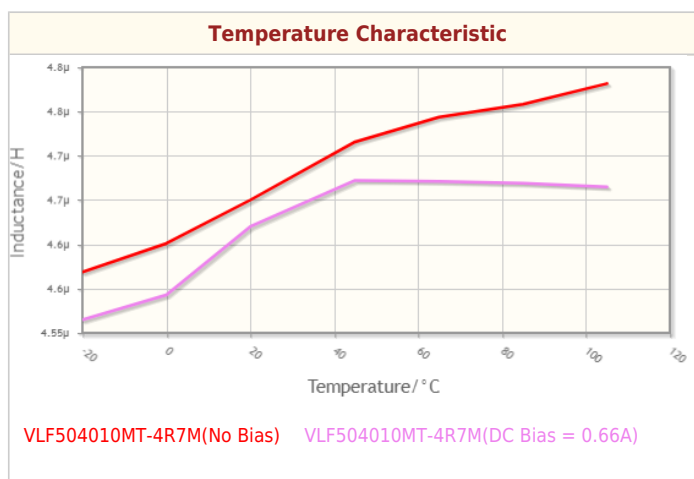
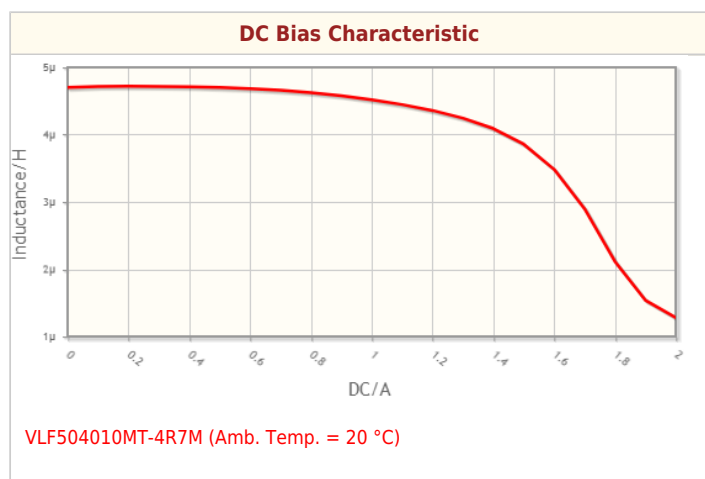
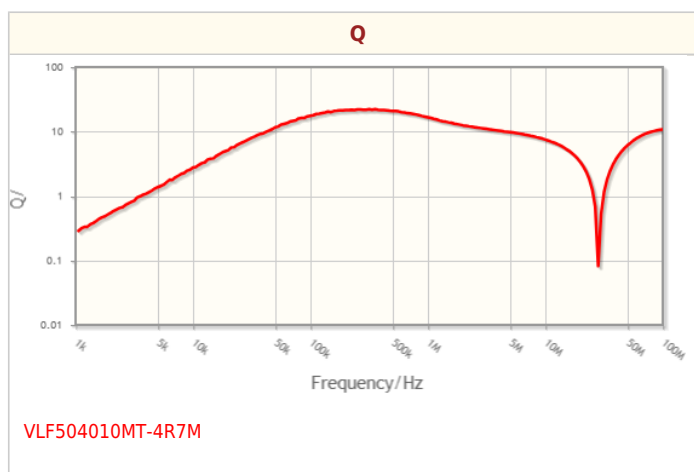
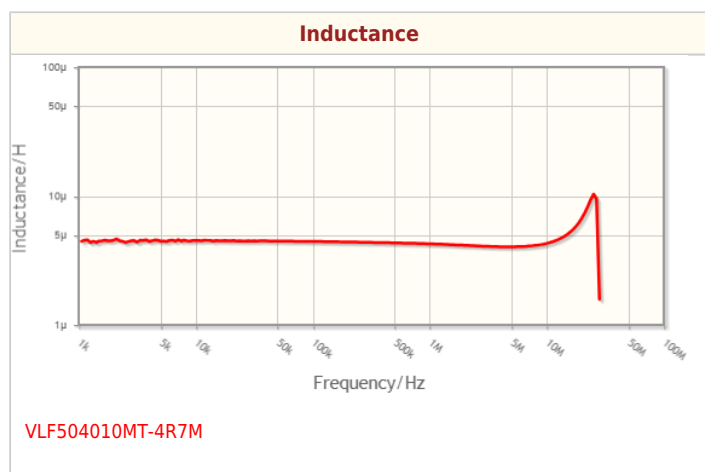
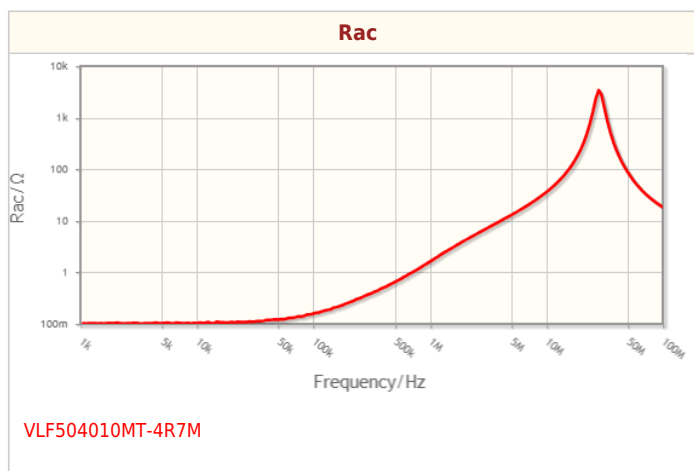
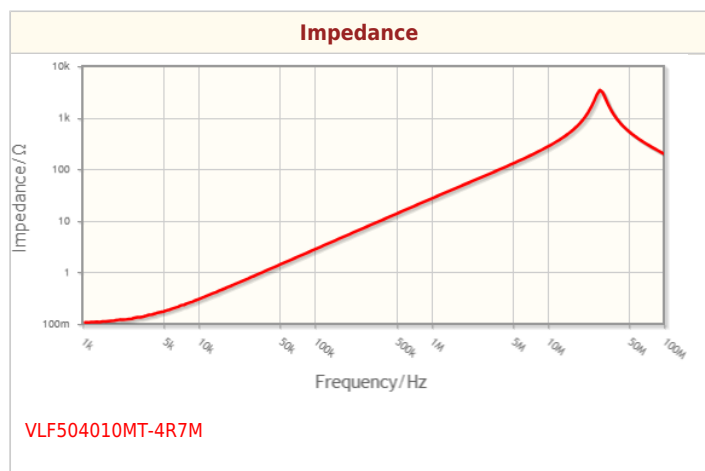


AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs
Weight	0.073g

VLF504010MT-4R7M



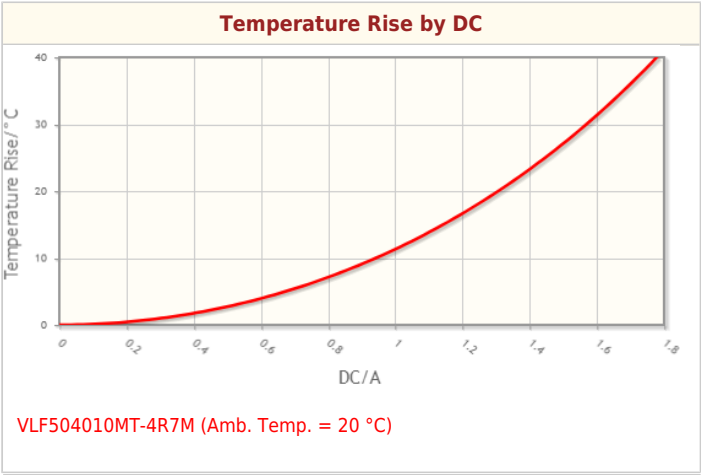
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



VLF504010MT-4R7M



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



VLF504010MT-4R7M



Associated Images

