

<b>Applications</b>	Commercial Grade
<b>Feature</b>	<div>Wire Wound</div> Wire Wound <div>Shield</div> Magnetic Shield <div>Ferrite Core</div> Ferrite Core
<b>Series   Type</b>	VLF
<b>Status</b>	<div> Obsolete</div> Recommended Alternate Part No. : <a href="#">VLS3010CX-6R8M-1</a> (Interchangeability is not guaranteed.) Discontinue Issue Date : May.18, 2017 Last Purchase Order Date : Mar.29, 2019 Last Shipment Date : Sep.30, 2019
<b>Brand</b>	TDK



Size	
Length(L)	2.80mm Nom.
Width(W)	2.60mm Nom.
Thickness   Height	1.00mm Max.
Recommended Land Pattern (A)	0.65mm Nom.
Recommended Land Pattern (B)	2.10mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	6.8μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	610mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	680mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	340mΩ
DC Resistance [Max.]	390mΩ
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]



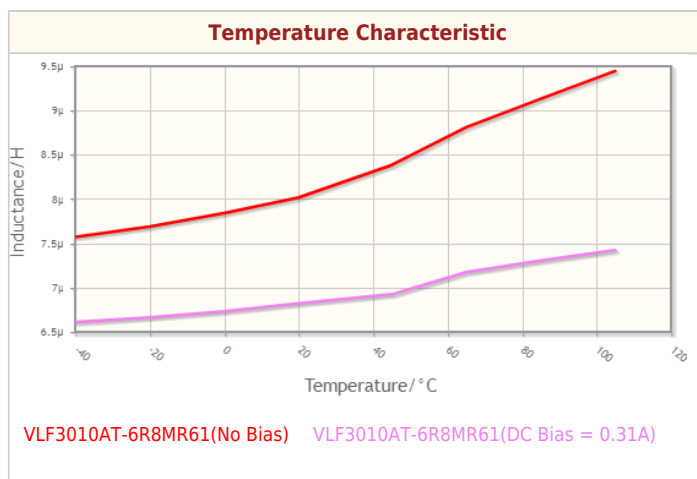
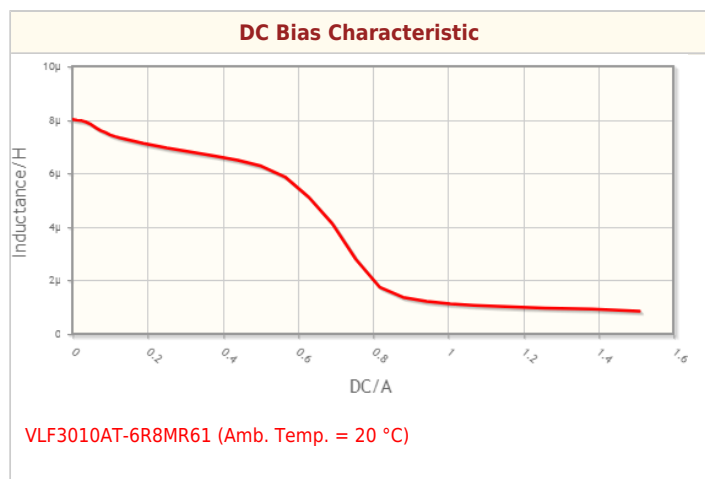
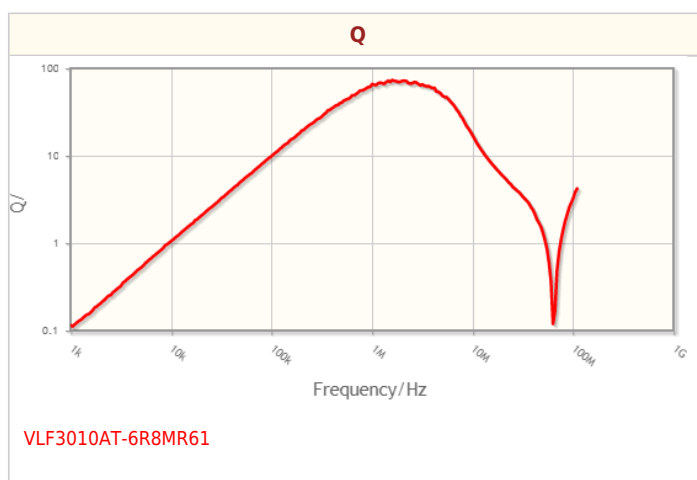
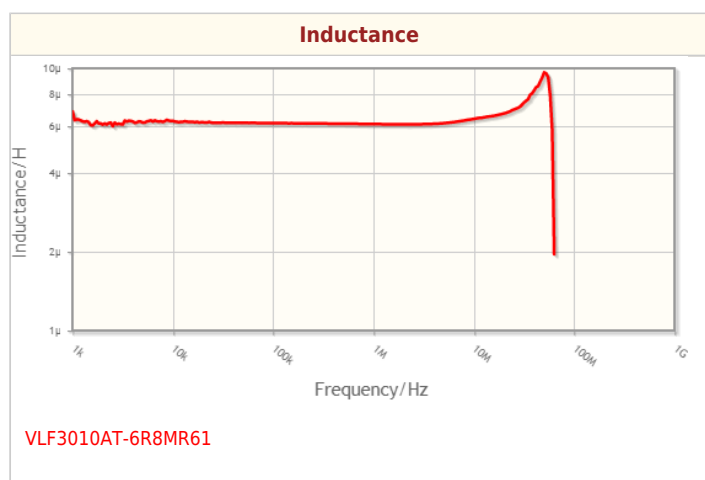
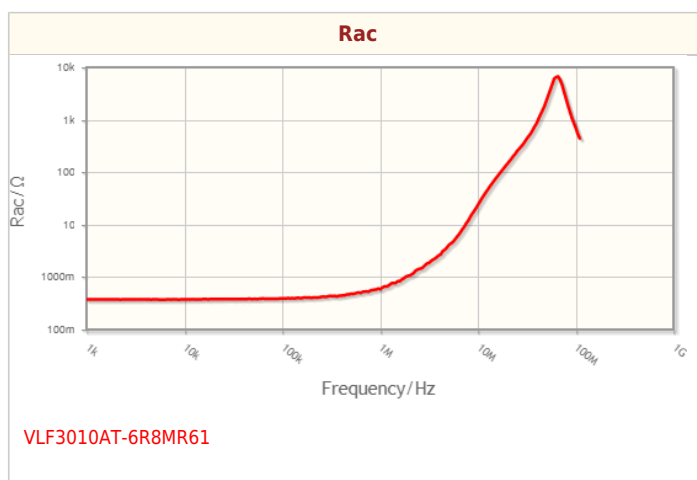
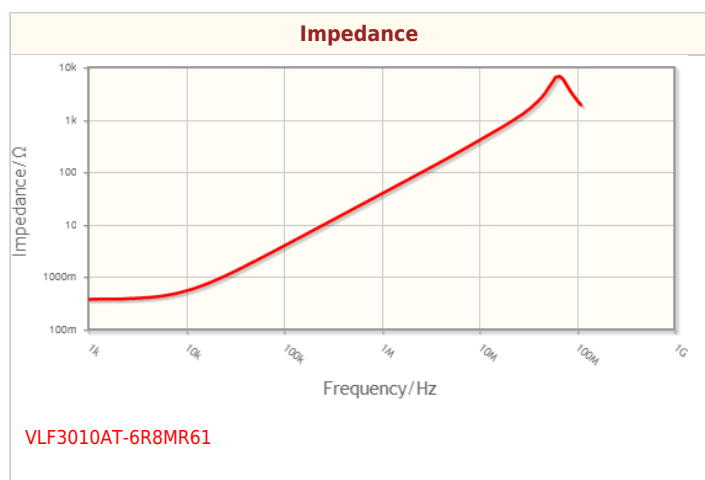
SMD / SMT Inductors (Coils)  
VLF3010AT-6R8MR61

RoHS Reach Halogen Free Pb Free

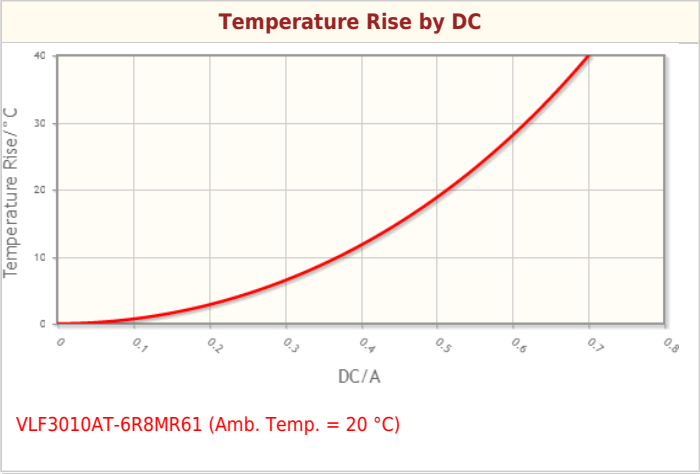
Package Quantity	2000pcs
Weight	0.024g

! 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.)



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



# Associated Images

