

<b>Applications</b>	Commercial Grade
<b>Feature</b>	<div style="border: 1px solid red; padding: 2px; display: inline-block; margin-right: 5px;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px; display: inline-block; margin-right: 5px; margin-top: 5px;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px; display: inline-block; margin-top: 5px;">Ferrite Core</div> Ferrite Core
<b>Series   Type</b>	VLF
<b>Status</b>	<div style="border: 1px solid red; padding: 2px; display: inline-block; margin-right: 5px;">⚠</div> Obsolete Recommended Alternate Part No. : <a href="#">CLF10040T-100M-D</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)	10.00mm Nom.
Width(W)	9.70mm Nom.
Thickness   Height	4.50mm Max.
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	7.30mm Nom.
Recommended Land Pattern (C)	3.60mm Nom.

Electrical Characteristics	
Inductance	10μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	4.3A (30% Down)
Rated Current (Temperature Rise) [Typ.]	4.3A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	25mΩ
DC Resistance [Max.]	29mΩ
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 [330mm Reel]

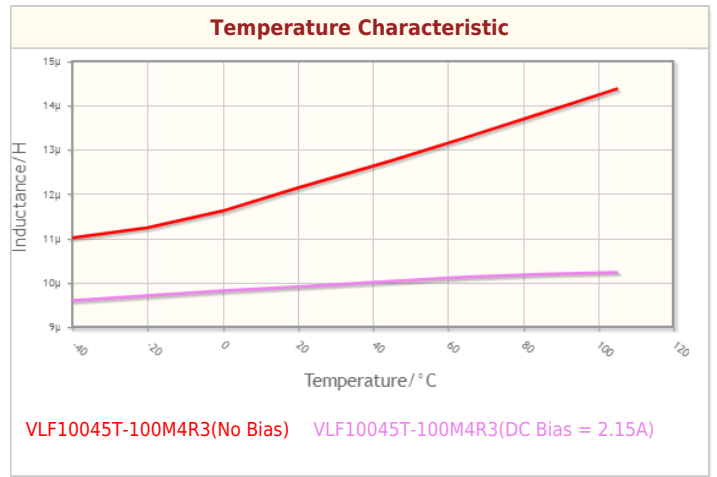
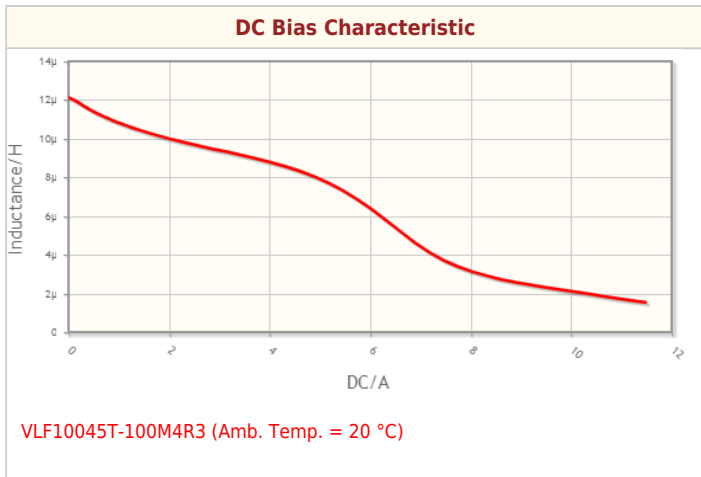
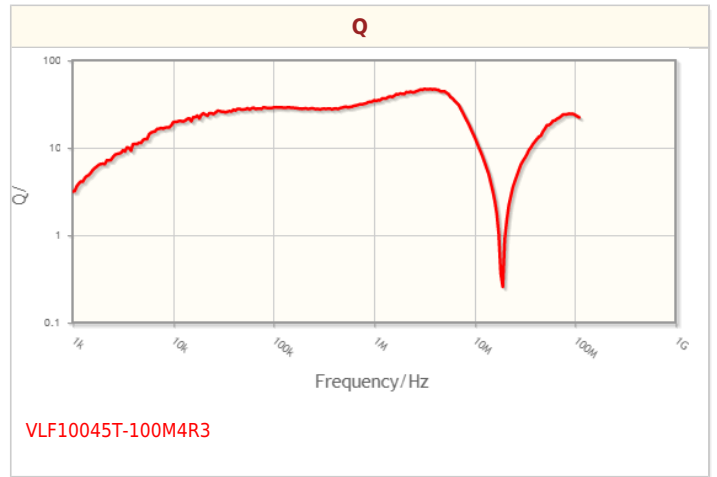
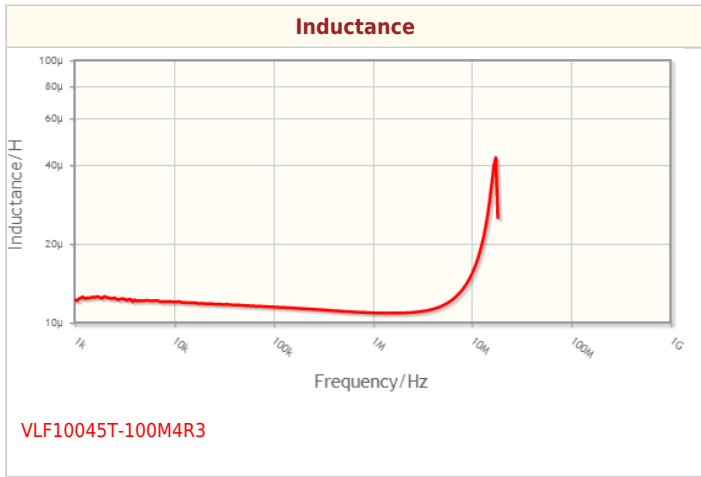
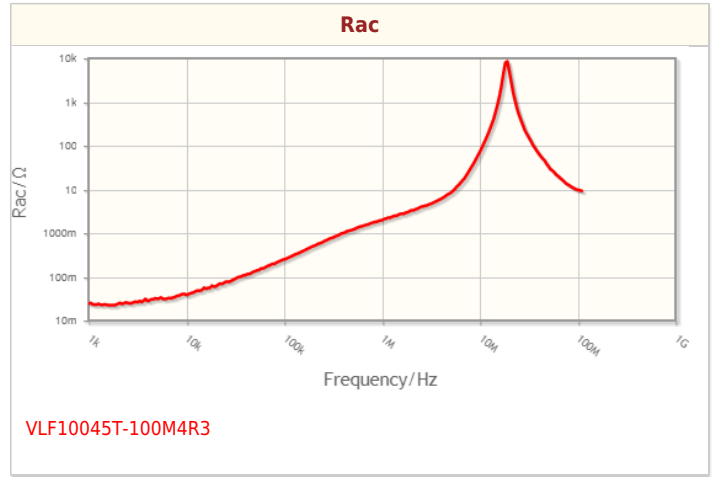
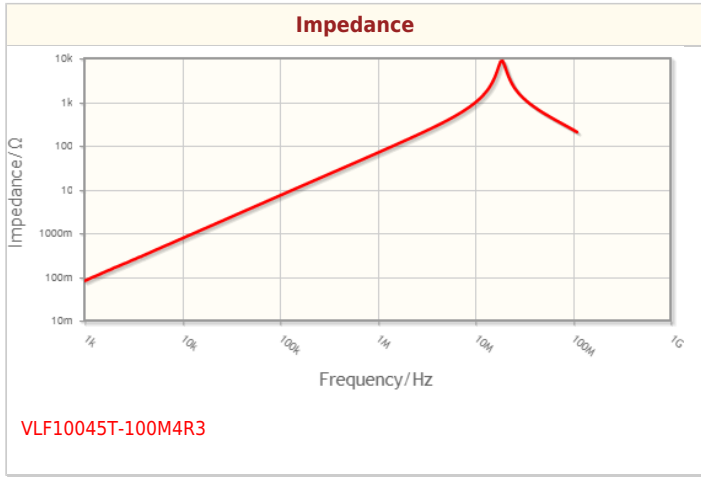
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 ! This PDF document was created based on the data listed on the TDK Corporation website.  
 ! All specifications are subject to change without notice.

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Package Quantity	500pcs
Weight	1.49g

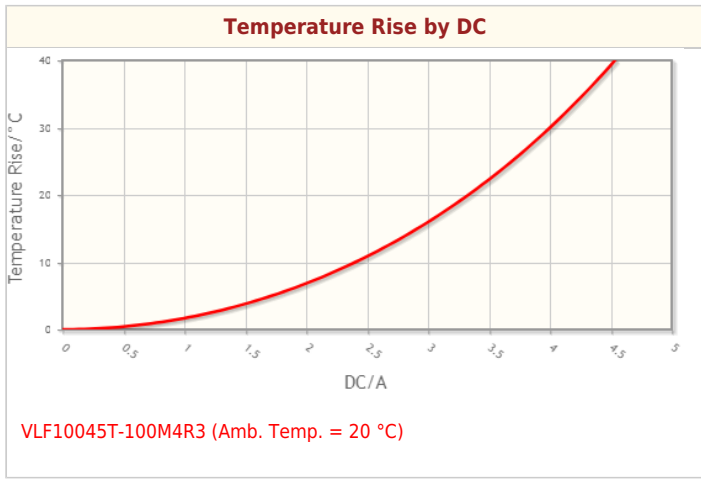
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images

