

Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid green; padding: 2px;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px;">Ferrite Core</div> Ferrite Core
Series Type	VLCF
Status	Production
Brand	TDK



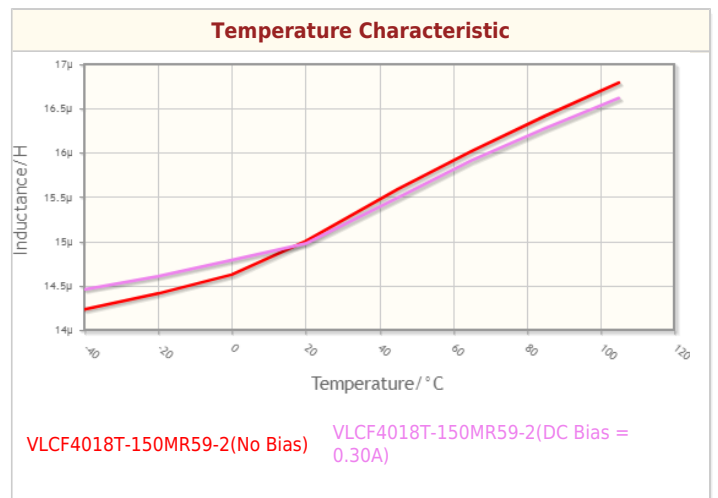
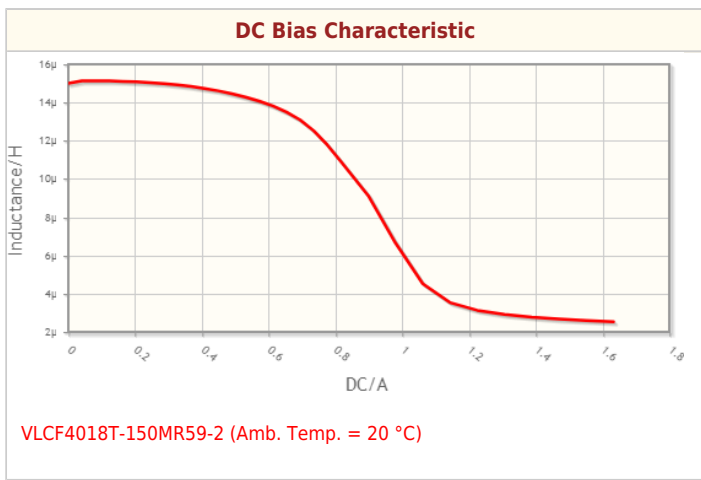
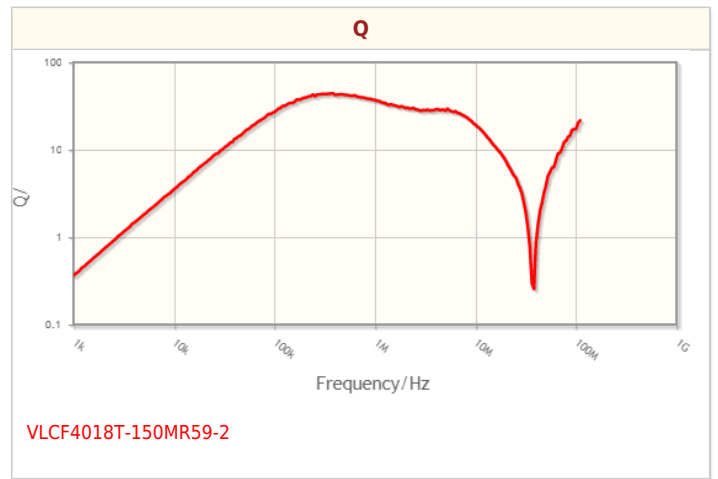
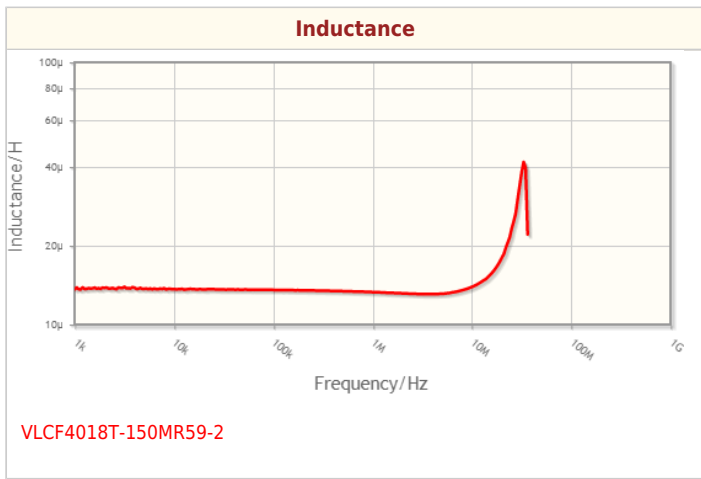
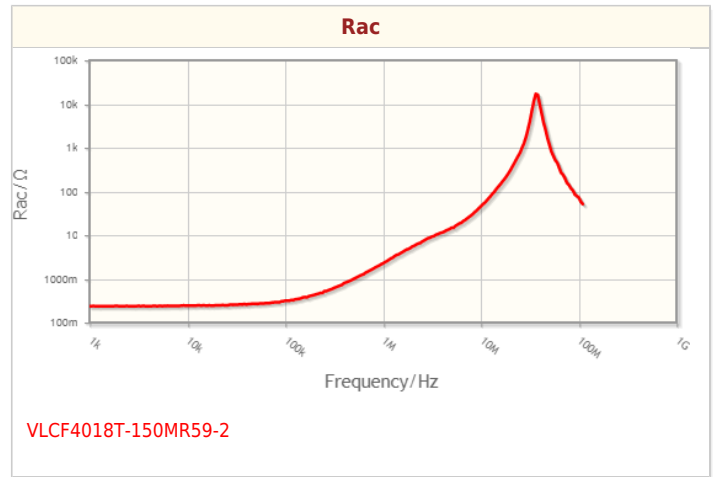
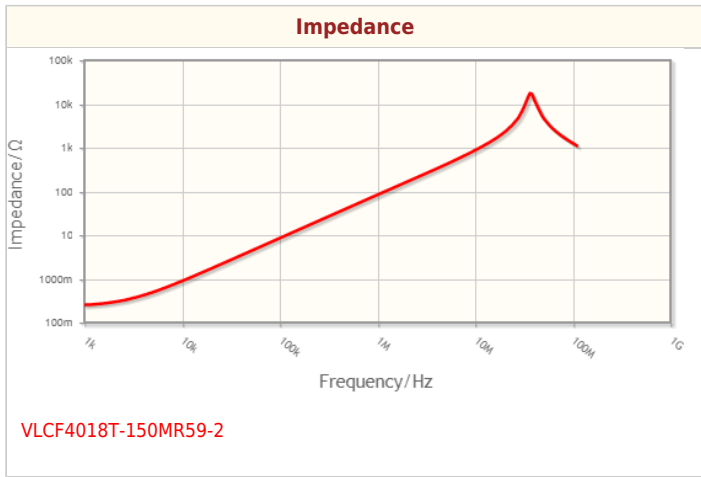
Size	
Length(L)	4.00mm ±0.10mm
Width(W)	4.00mm ±0.10mm
Thickness Height	1.80mm Max.
Recommended Land Pattern (A)	1.60mm Nom.
Recommended Land Pattern (B)	1.30mm Nom.
Recommended Land Pattern (C)	2.50mm Nom.
Recommended Land Pattern (D)	3.90mm Nom.

Electrical Characteristics	
Inductance	15µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	590mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.1A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	233mΩ
DC Resistance [Max.]	268mΩ
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	1000pcs
Weight	0.106g

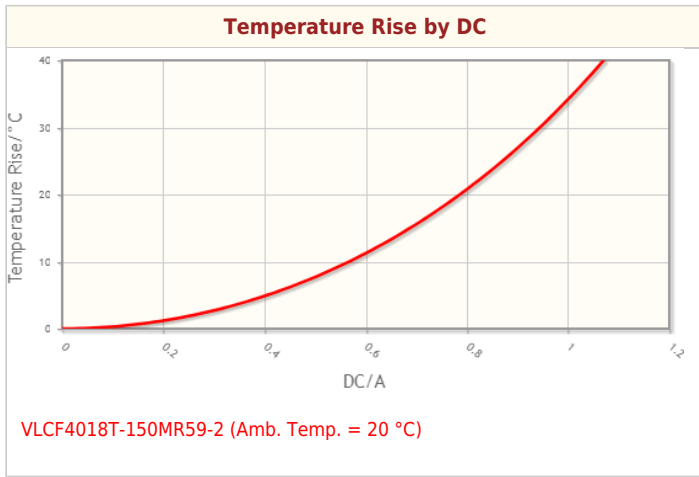
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

