






SLF12555T-331MR59-PF



Applications	 Commercial Grade
Feature	 Wire Wound
	 Magnetic Shield
	 Ferrite Core
Series Type	SLF
Status	 Obsolete
	Recommended Alternate Part No. : None
	Discontinue Issue Date : Jun.3, 2022
	Last Purchase Order Date : Sep.30, 2023
	Last Shipment Date : Mar.31, 2024
Brand	TDK



Size	
Length(L)	12.50mm ±0.30mm
Width(W)	12.50mm ±0.30mm
Thickness Height	5.50mm ±0.30mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	330μH ±20% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	590mA (10% Down)
Rated Current (Temperature Rise) [Typ.]	1A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	410mΩ
DC Resistance [Max.]	492mΩ
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
	Iron Soldering

! 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.

SLF12555T-331MR59-PF

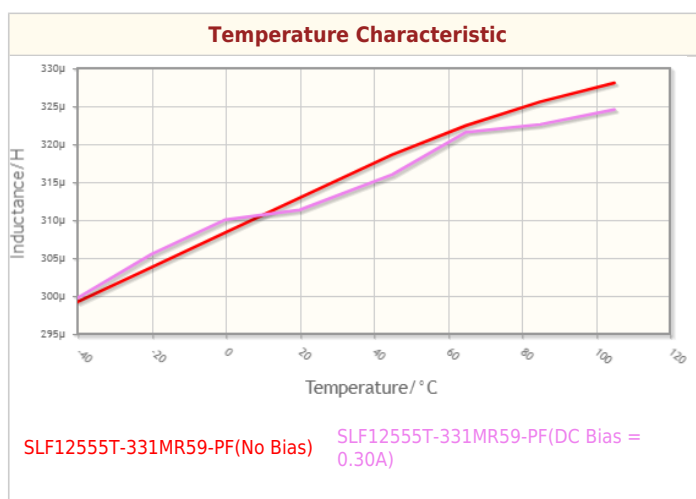
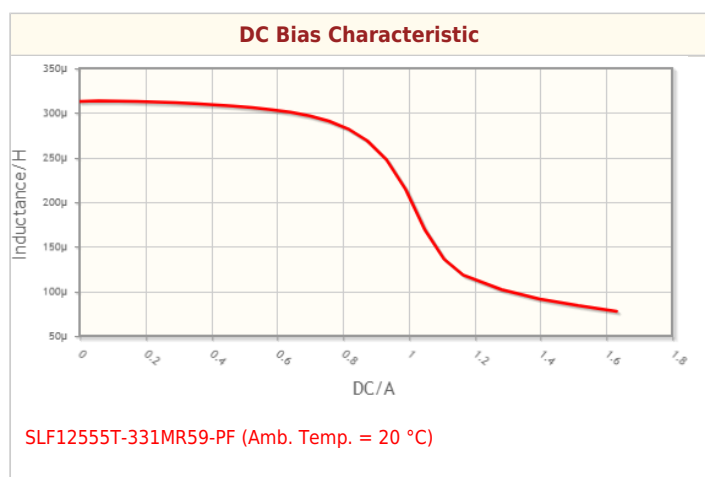
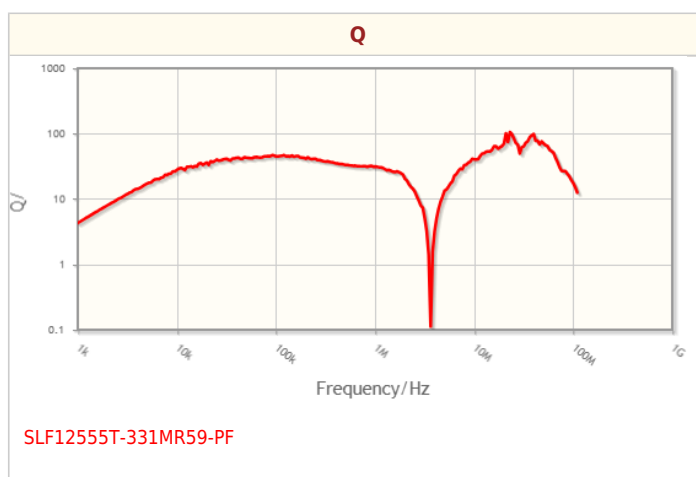
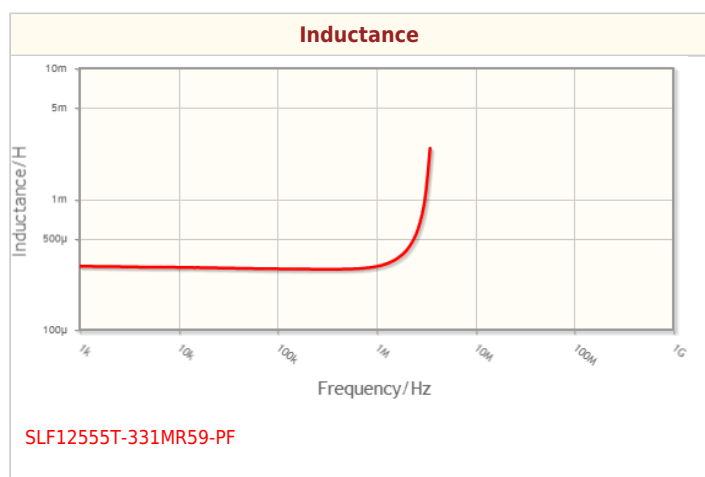
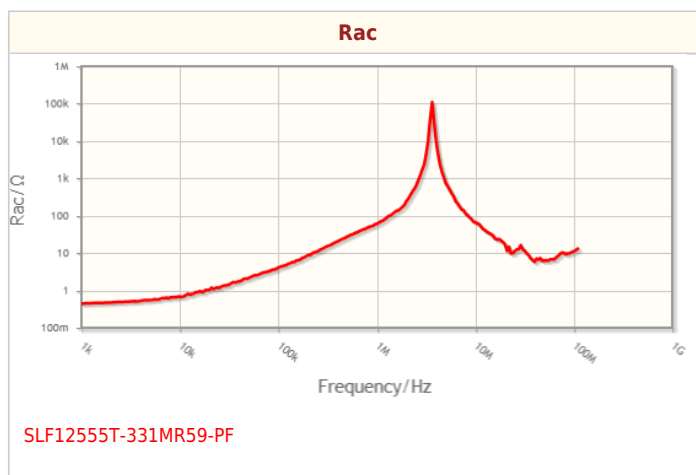
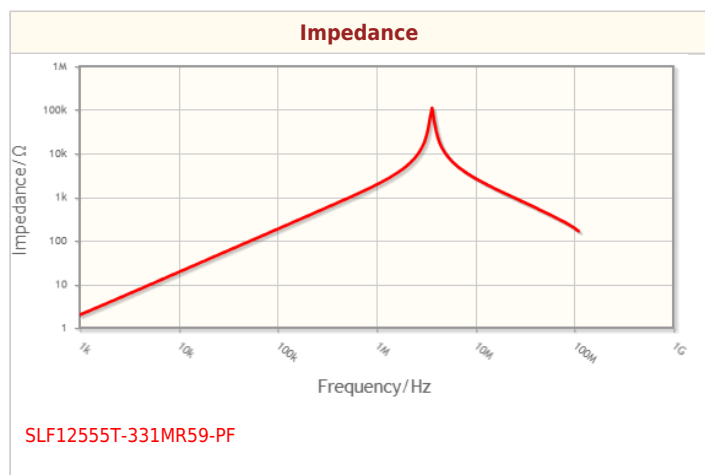


AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	2.6g

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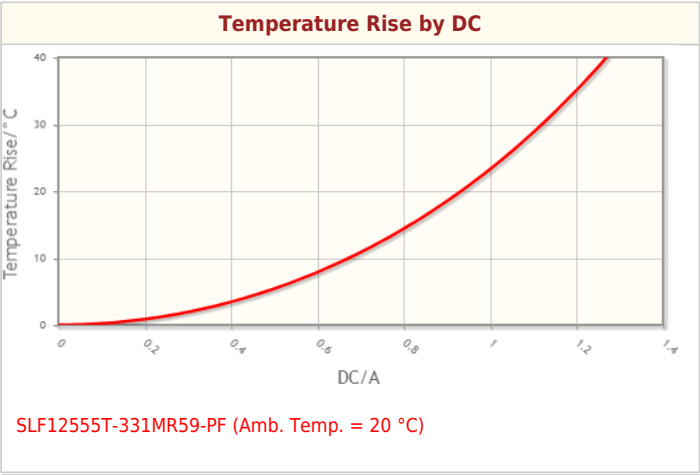
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

