


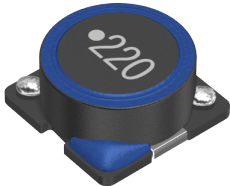


	Obsolete
	Recommended Alternate Part No. : None
Product Status	Discontinue Issue Date : Jun.3, 2022 Last Purchase Order Date : Sep.30, 2023 Last Shipment Date : Mar.31, 2024
Applications	Commercial Grade
Feature	Wire WoundWire Wound ShieldMagnetic Shield Ferrite CoreFerrite Core
Series   Type	SLF
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Lead Free</div></div>



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	680μH ±20% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	430mA (10% Down)
Rated Current (Temperature Rise) [Typ.]	730mA (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	760mΩ
DC Resistance [Max.]	912mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

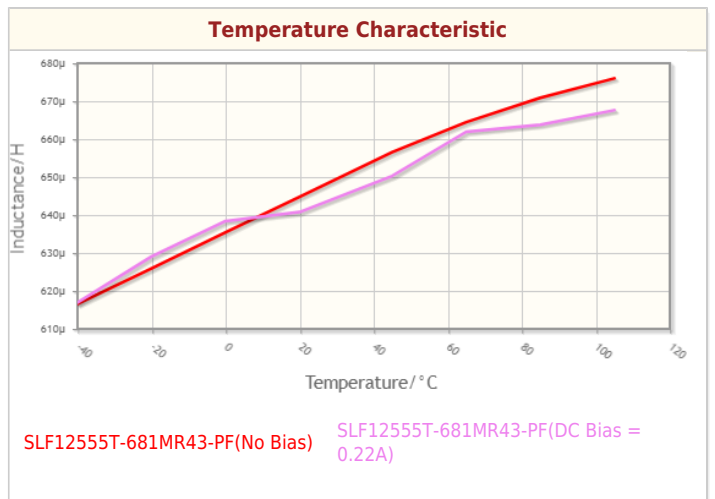
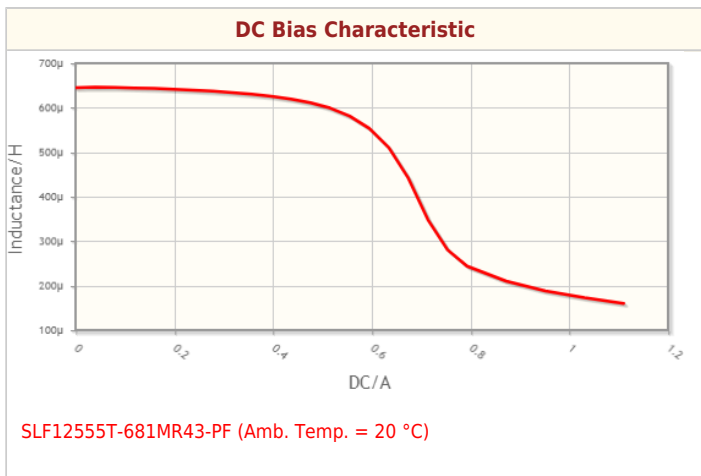
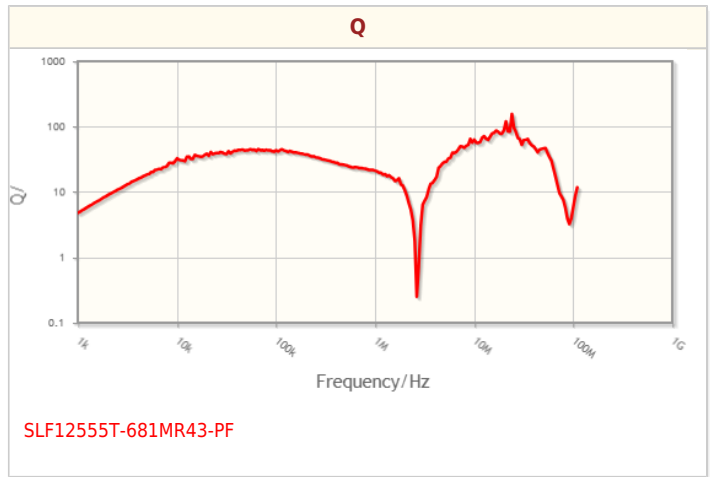
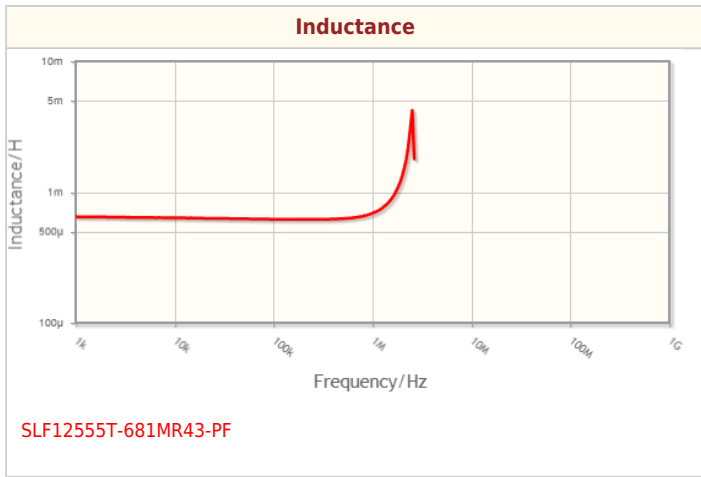
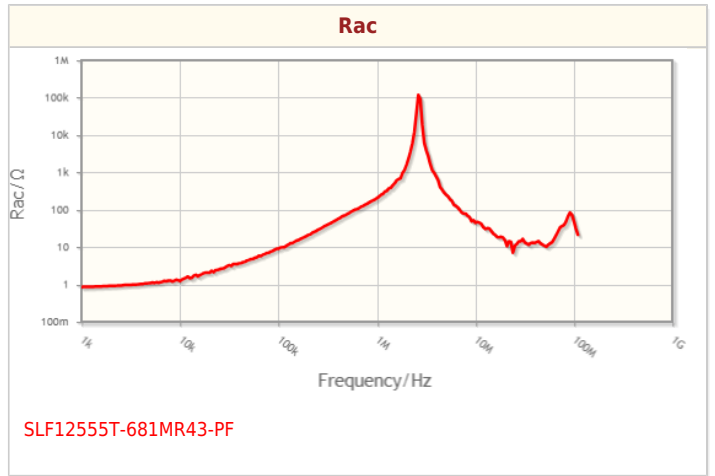
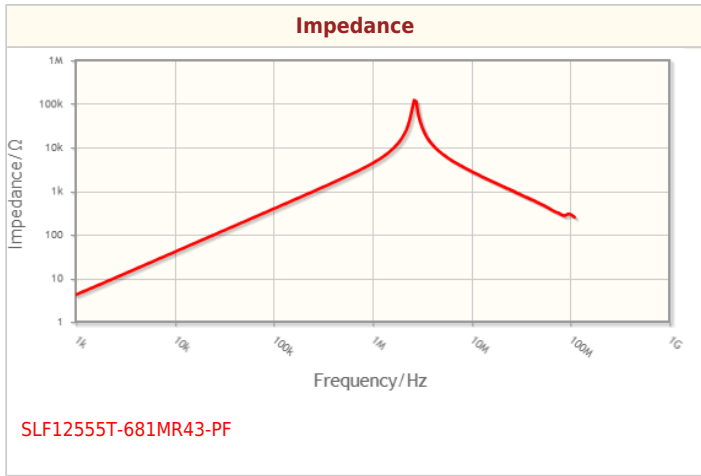
Other	
Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)

! 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.

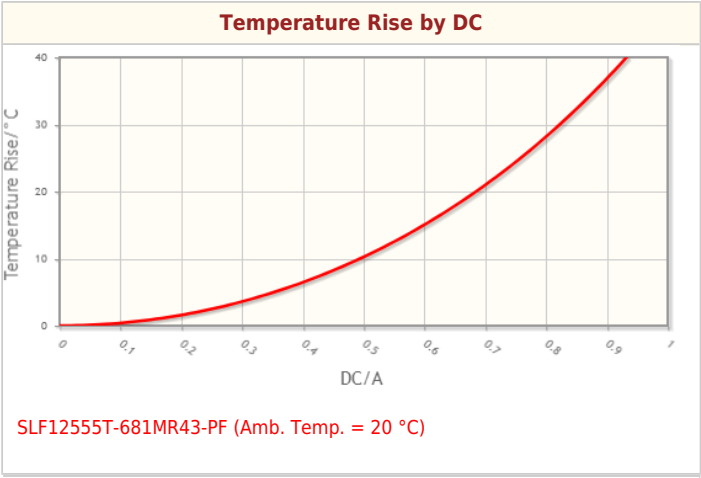
SLF12555T-681MR43-PF

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

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



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# Associated Images

