





Product Status	EOL Announced
	Recommended Alternate Part No. : <a href="#">VLS5045EX-151M</a> (Interchangeability is not guaranteed.)
	Discontinue Issue Date : May.14, 2024
	Last Purchase Order Date : Mar.31, 2026
	Last Shipment Date : Dec.31, 2026
Applications	Commercial Grade
Feature	Wire WoundWire Wound
	ShieldMagnetic Shield
	Ferrite CoreFerrite Core
Series   Type	SLF
Status	 EOL announced
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Brand	TDK
Environmental Compliance	  




Size	
Length(L)	6.00mm ±0.20mm
Width(W)	6.00mm ±0.20mm
Thickness   Height	2.80mm ±0.20mm
Recommended Land Pattern (A)	1.50mm Nom.
Recommended Land Pattern (B)	4.00mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	150μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	340mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	500mA (25°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	650mΩ
DC Resistance [Max.]	780mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	

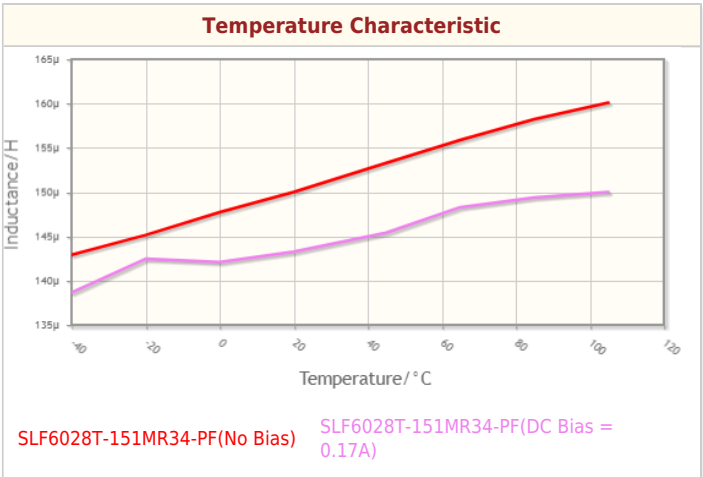
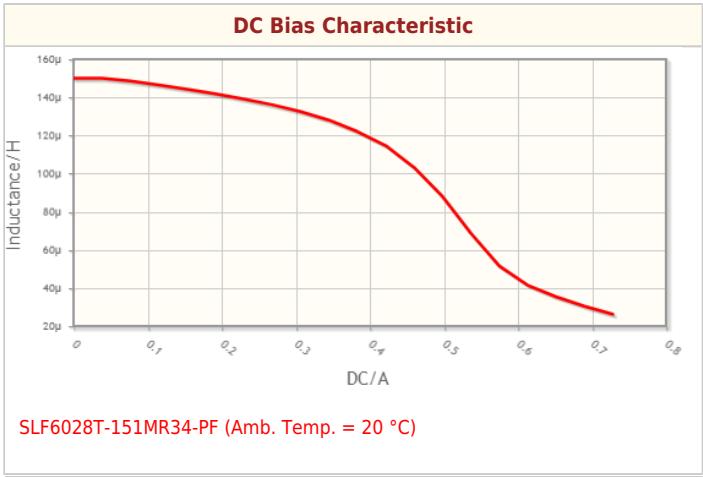
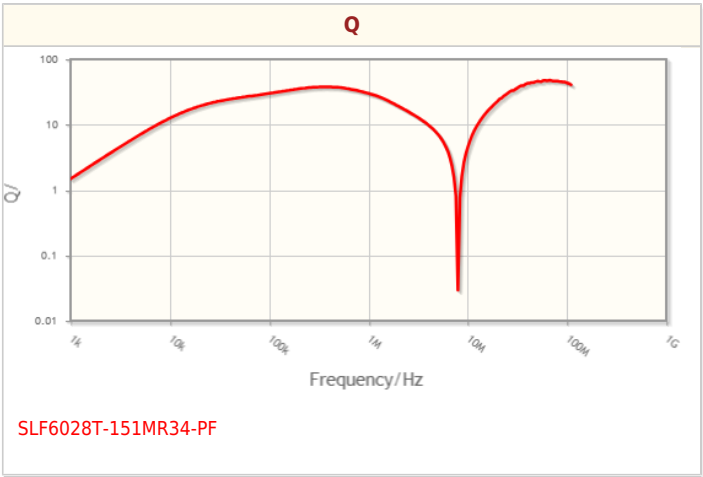
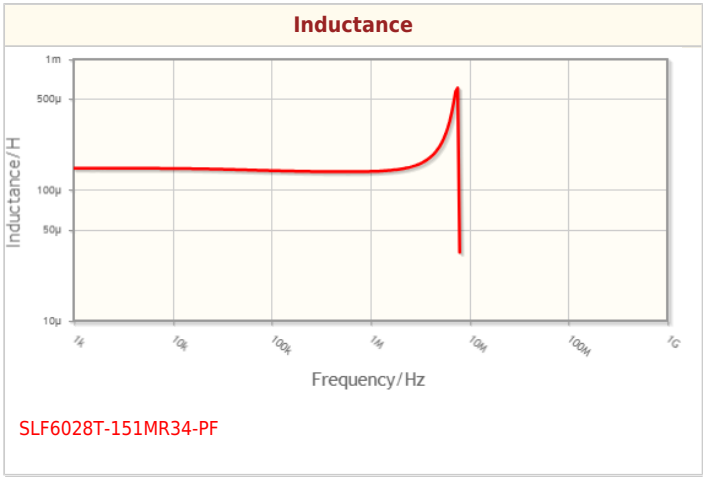
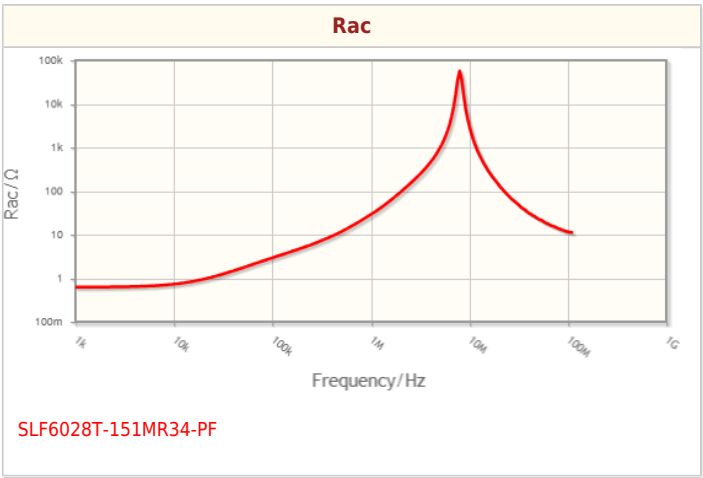
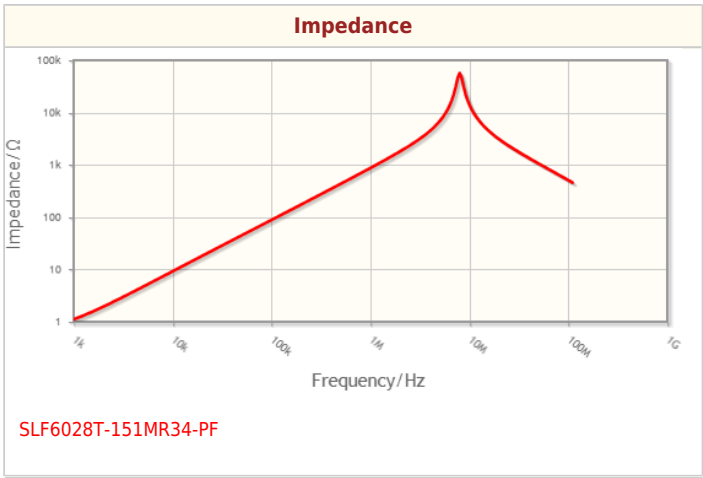
! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

Self Resonant Frequency [Typ.]
Q [Min.]
Q [Typ.]

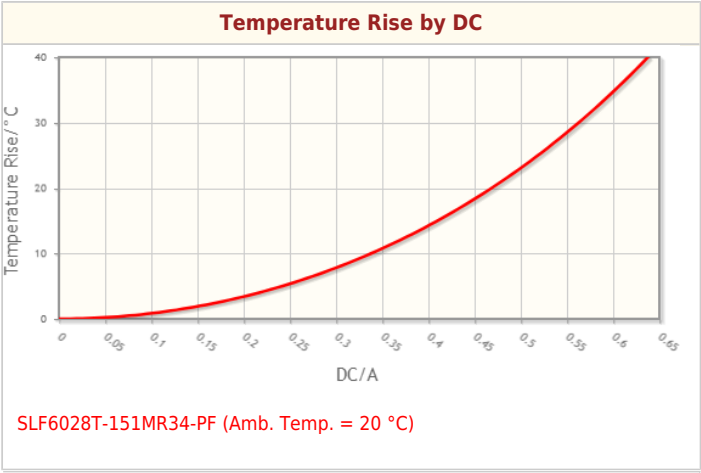
Other	
Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs
Weight	0.3g
FIT (Failure In Time)	 This will be displayed when you <a href="#">login</a> to myTDK

SLF6028T-151MR34-PF

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



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# Associated Images

