

SLF10145T-101M1R0-PF



Applications



Commercial Grade

Feature

Wire Wound

Wire Wound

Ferrite Core

Ferrite Core

Shield

Magnetic Shield

Series

SLF

Status



Production

Recommended Alternate Part No. : [CLF10040T-101M](#)


Size

Length(L)	10.10mm +/-0.30mm
Width(W)	10.10mm +/-0.30mm
Thickness(T)	4.50mm +/-0.30mm
Recommended Land Pattern (A)	2.50mm Nom.
Recommended Land Pattern (B)	5.60mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics

Inductance	100μH +/-20% at 1kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	1A (10% Down)
Rated Current (Temperature Rise) [Typ.]	1.1A (30°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Nom.]	200mΩ
DC Resistance [Max.]	240mΩ
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 Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	1.3g

! Images are for reference only and show exemplary products.

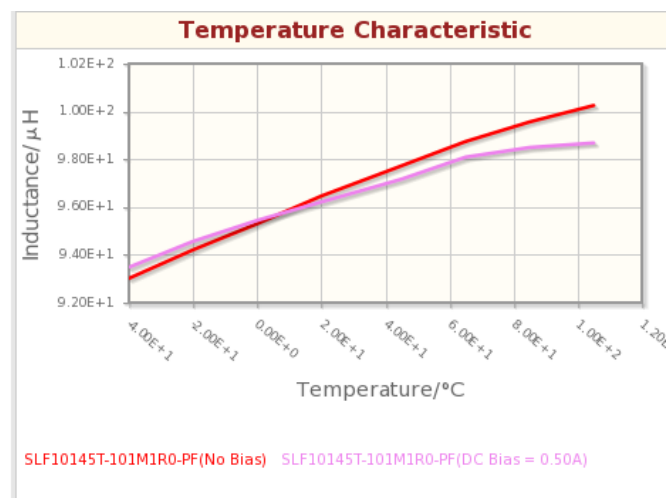
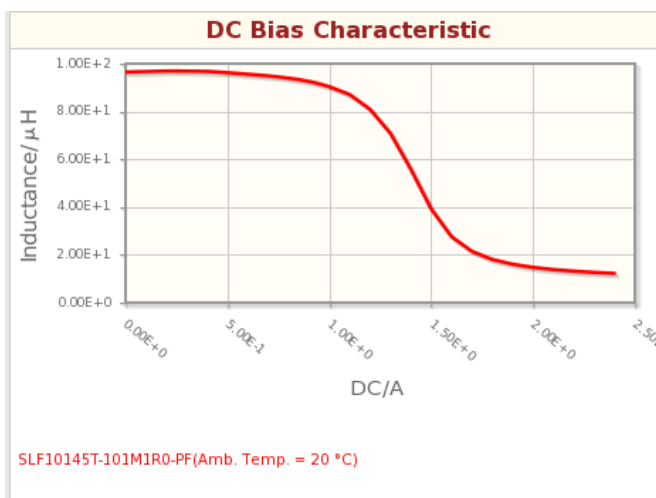
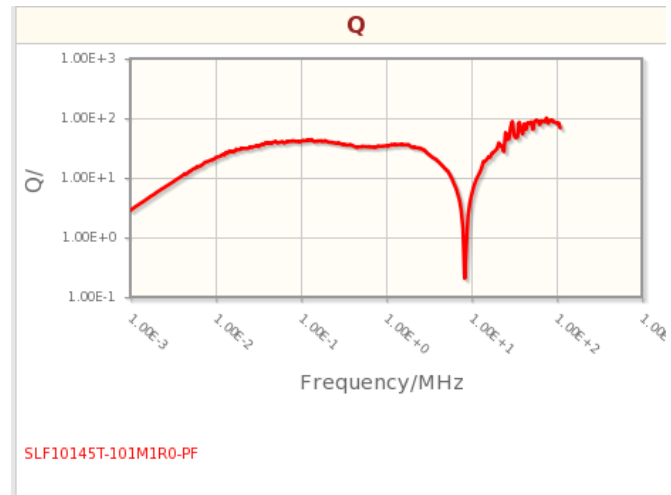
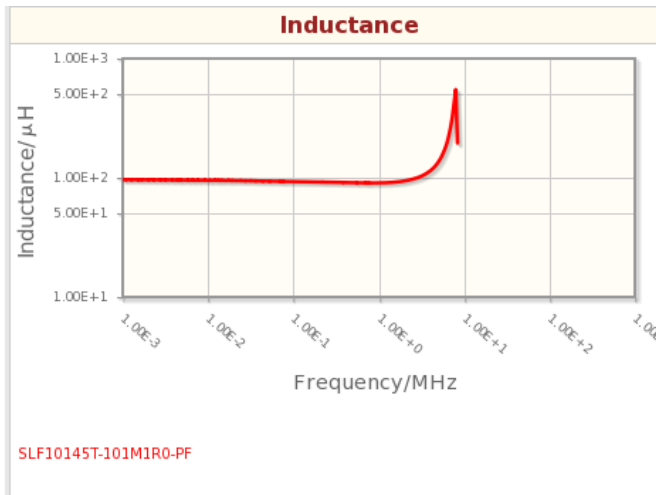
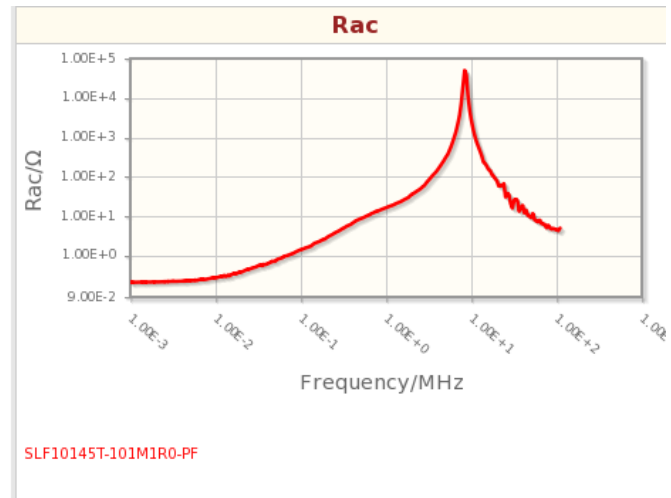
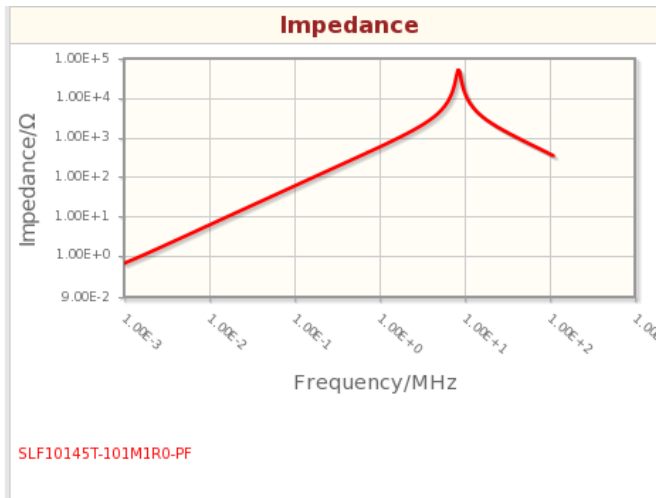
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

SLF10145T-101M1R0-PF

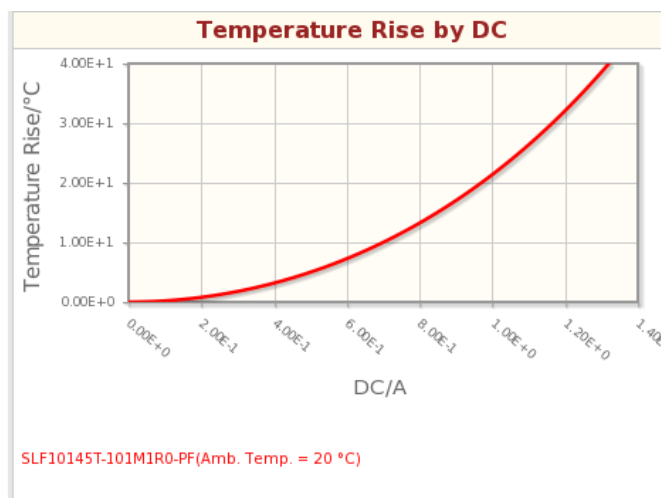


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





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





Associated Images

