

Applications	Commercial Grade
Feature	<div style="border: 1px solid black; padding: 2px;">No Directivity</div> No Directivity <div style="border: 1px solid black; padding: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid black; padding: 2px;">Ferrite Core</div> Ferrite Core
Series Type	NLC565050
Status	<div style="border: 1px solid black; padding: 2px;"> Obsolete</div> Recommended Alternate Part No. : None Discontinue Issue Date : May.21, 2015 Last Purchase Order Date : Dec.22, 2016 Last Shipment Date : Jun.30, 2017
Brand	TDK



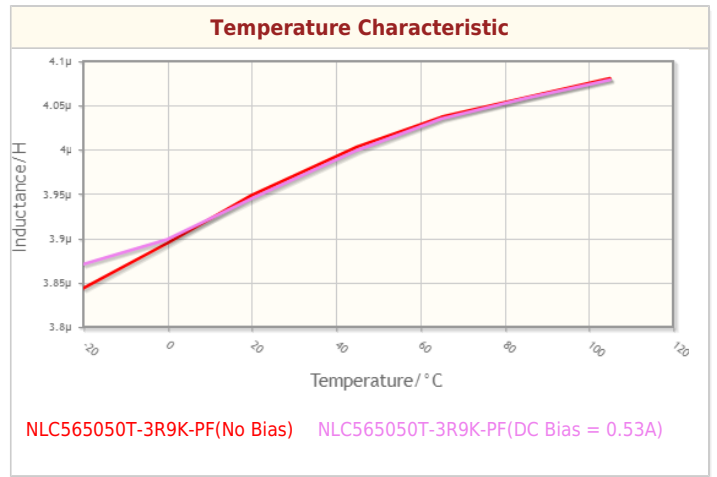
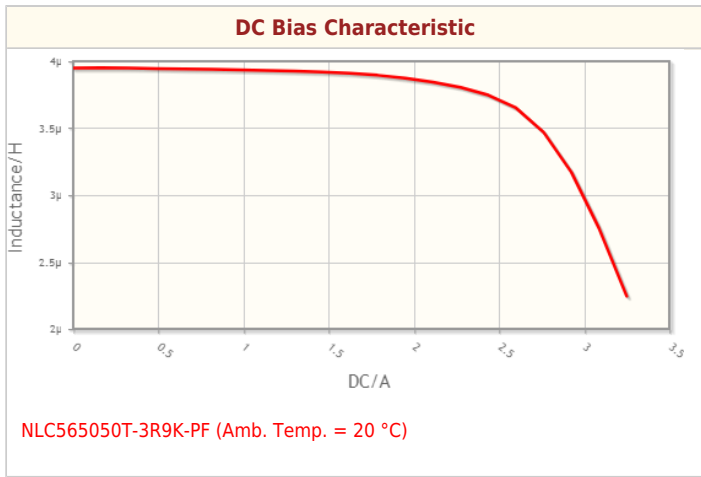
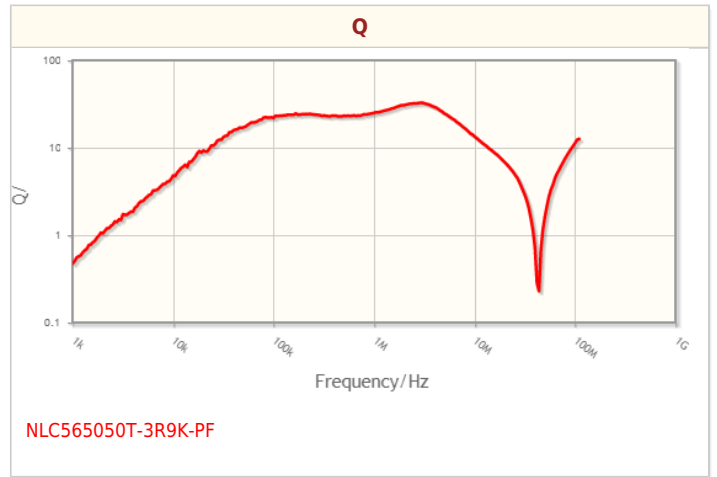
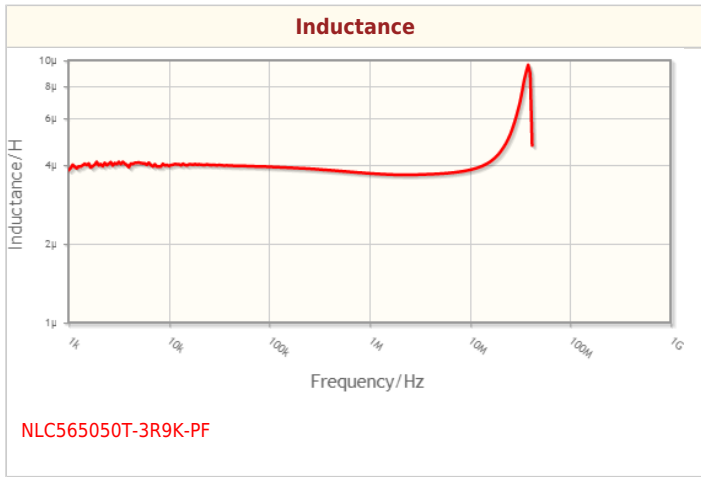
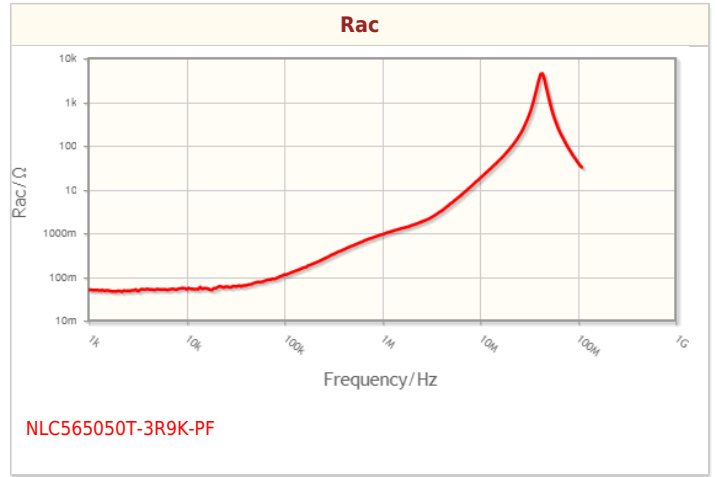
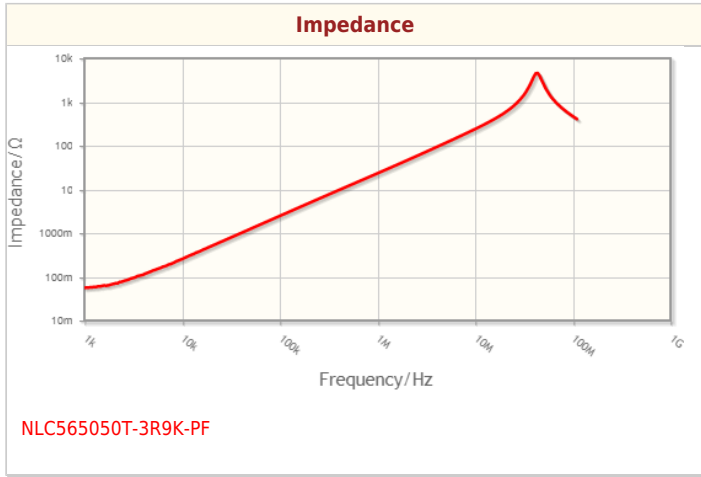
Size	
Length(L)	5.60mm ±0.30mm
Width(W)	5.00mm ±0.30mm
Thickness Height	5.00mm ±0.30mm
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	4.00mm Nom.
Recommended Land Pattern (C)	4.50mm Nom.

Electrical Characteristics	
Inductance	3.9µH ±10% at 7.96MHz
Rated Current	1.05A
DC Resistance [Typ.]	
DC Resistance [Max.]	90mΩ
Self Resonant Frequency [Min.]	32MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	10 at 7.96MHz
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Wave (Flow)
	Reflow
	Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	400pcs
Weight	0.38g

! 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.

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



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Associated Images

