

<b>Applications</b>	Commercial Grade
<b>Feature</b>	<div>No Directivity</div> <div>Wire Wound</div> <div>Ferrite Core</div>
<b>Series   Type</b>	NLC565050
<b>Status</b>	<div>Obsolete</div> <div>Recommended Alternate Part No. : None</div> <div>Discontinue Issue Date : May.21, 2015</div> <div>Last Purchase Order Date : Dec.22, 2016</div> <div>Last Shipment Date : Jun.30, 2017</div>
<b>Brand</b>	TDK



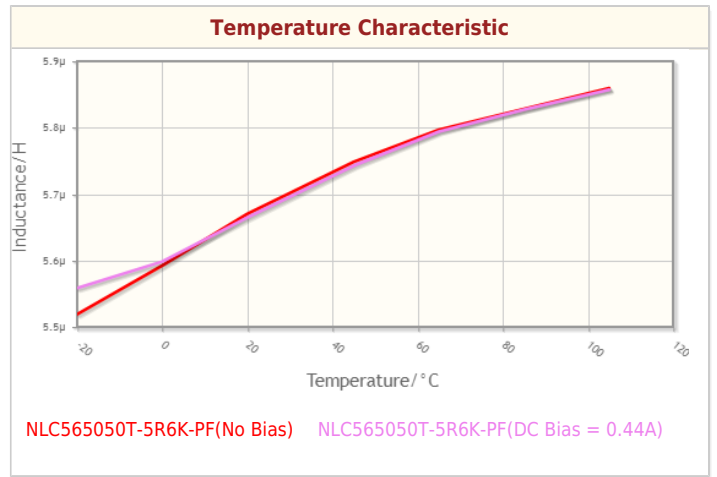
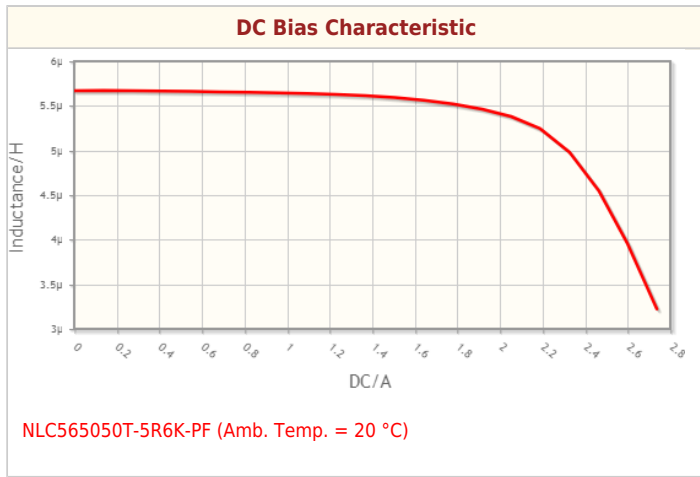
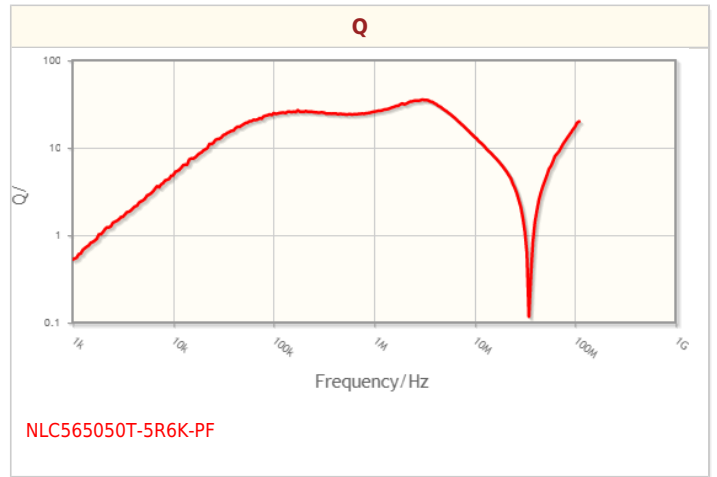
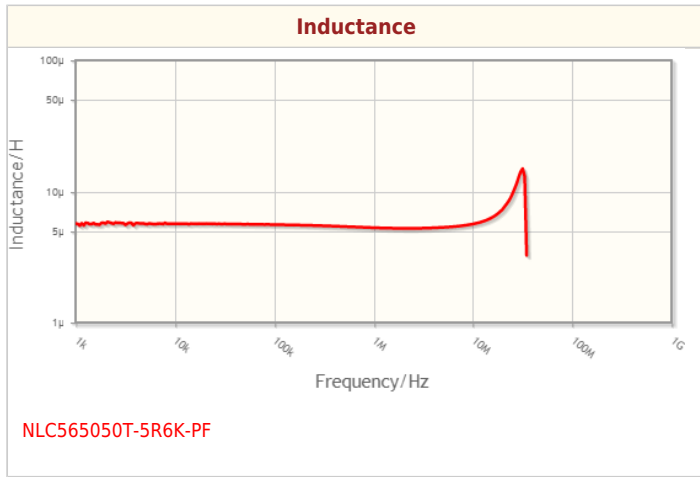
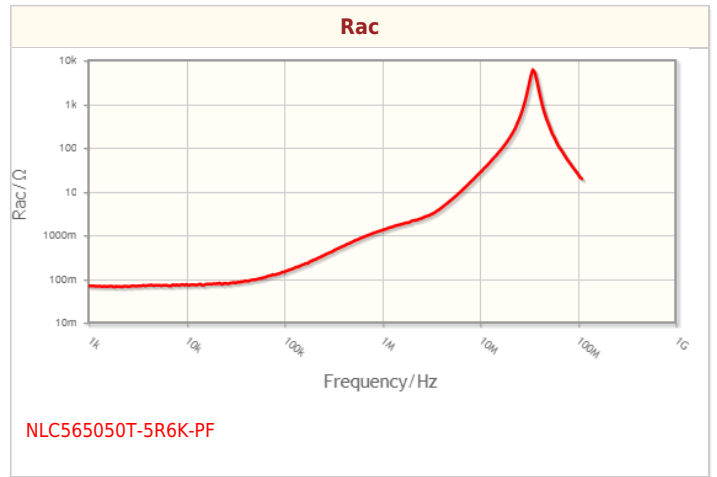
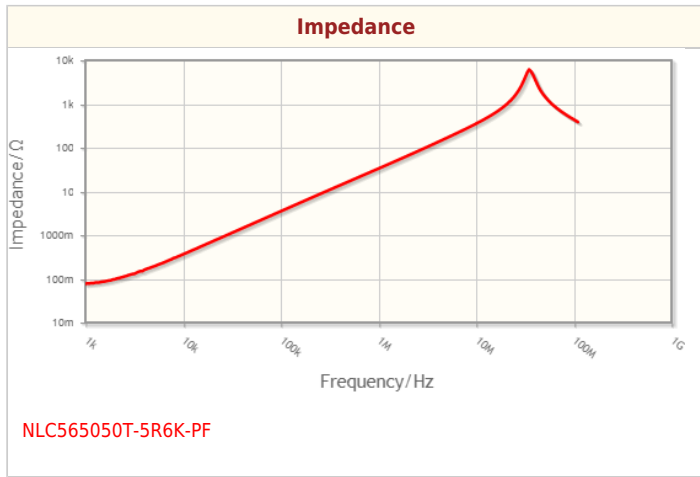
Size	
Length(L)	5.60mm ±0.30mm
Width(W)	5.00mm ±0.30mm
Thickness   Height	5.00mm ±0.30mm
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	4.00mm Nom.
Recommended Land Pattern (C)	4.50mm Nom.

Electrical Characteristics	
Inductance	5.6μH ±10% at 7.96MHz
Rated Current	880mA
DC Resistance [Typ.]	
DC Resistance [Max.]	130mΩ
Self Resonant Frequency [Min.]	26MHz
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	<div>Wave (Flow)</div> <div>Reflow</div> <div>Iron Soldering</div>
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.)



# Associated Images

