

SMD / SMT Inductors (Coils)

NLC453232T-680K-PF

RoHS

Applications	Commercial Grade
Feature	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">No Directivity</div> No Directivity <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;">Wire Wound</div> Wire Wound <div style="border: 1px solid black; padding: 2px; display: inline-block;">Ferrite Core</div> Ferrite Core
Series Type	NLC453232
Status	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 2px;"> EOL announced</div> Recommended Alternate Part No. : NLCV32T-680K-EF (Interchangeability is not guaranteed.) Discontinue Issue Date : May.28, 2020 Last Purchase Order Date : Mar.31, 2022 Last Shipment Date : Sep.30, 2022
Brand	TDK



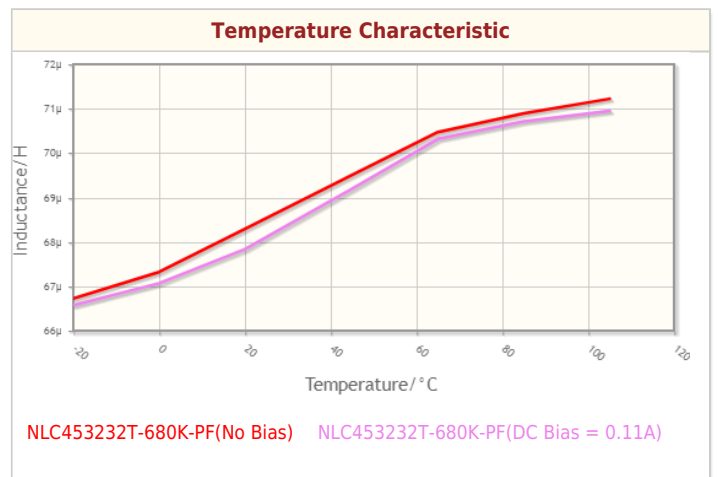
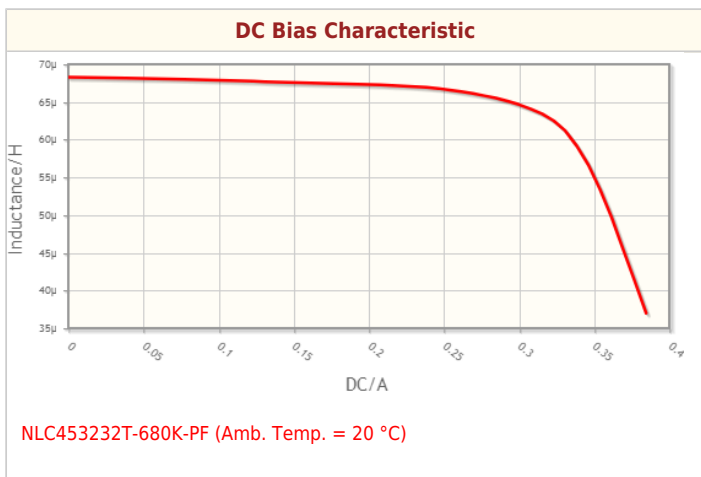
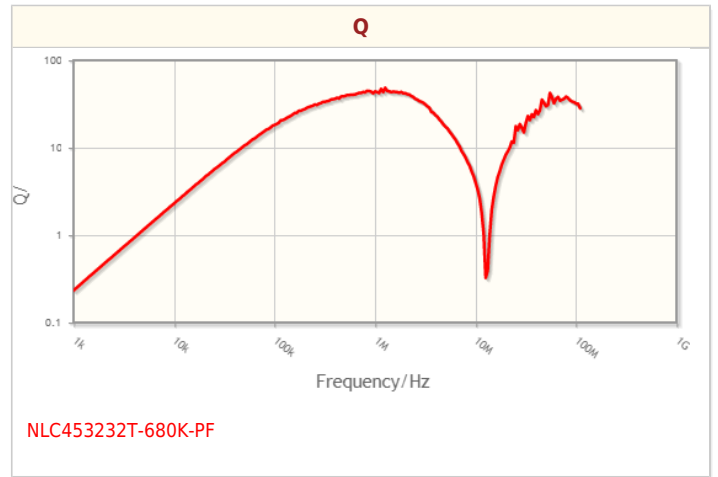
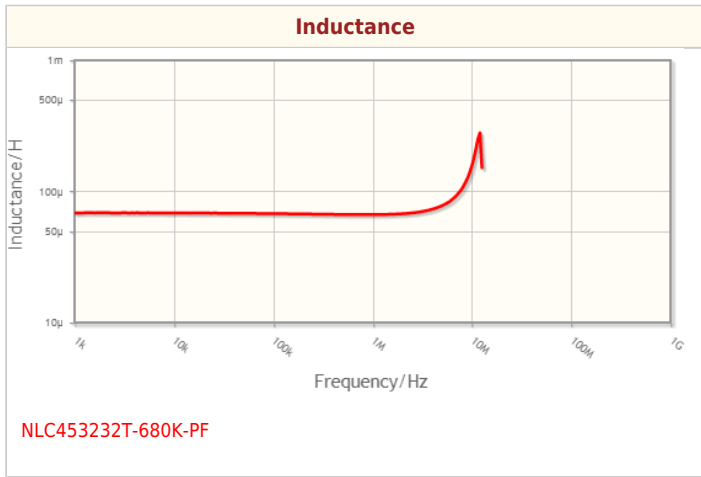
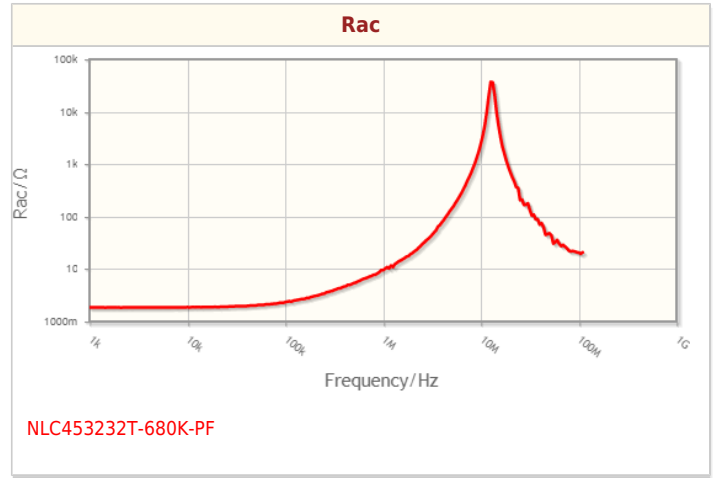
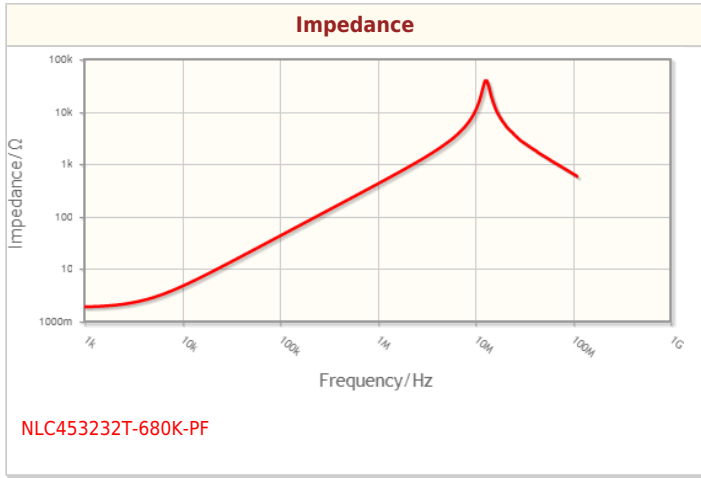
Size	
Length(L)	4.50mm ±0.30mm
Width(W)	3.20mm ±0.20mm
Thickness Height	3.20mm ±0.20mm
Recommended Land Pattern (A)	1.50mm Nom.
Recommended Land Pattern (B)	3.00mm Nom.
Recommended Land Pattern (C)	2.80mm Nom.

Electrical Characteristics	
Inductance	68μH ±10% at 2.52MHz
Rated Current	220mA
DC Resistance [Typ.]	
DC Resistance [Max.]	2.6Ω
Self Resonant Frequency [Min.]	10MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	10
Q [Typ.]	2520000

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	500pcs
Weight	0.18g

! 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

