

**EOL Announced**

Recommended Alternate Part No. : [NLCV32T-6R8M-EF](#) (Interchangeability is not guaranteed.)

**Product Status**

Discontinue Issue Date : Nov.19, 2024

Last Purchase Order Date : Mar.31, 2026

Last Shipment Date : Sep.30, 2026

**Applications**

Commercial Grade

**Feature**

No Directivity

Wire Wound

Ferrite Core

**Series | Type**

NLCV32-PF

**Brand**

TDK

**Environmental**

RoHS



REACH



Halogen Free

**Compliance****Size**

Length(L)	3.20mm $\pm 0.20$ mm
Width(W)	2.50mm $\pm 0.20$ mm
Thickness   Height	2.20mm $\pm 0.20$ mm
Recommended Land Pattern (A)	1.20mm Nom.
Recommended Land Pattern (B)	2.00mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

**Electrical Characteristics**

Inductance	6.8 $\mu$ H $\pm 20\%$ at 7.96MHz
Rated Current	530mA
DC Resistance [Typ.]	270m $\Omega$
DC Resistance [Max.]	351m $\Omega$
Self Resonant Frequency [Min.]	38MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	15 at 7.96MHz

**Other**

Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)
Soldering Method	Wave (Flow) Reflow Iron Soldering
AEC-Q200	NO

! Images are for reference only and show exemplary products.

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

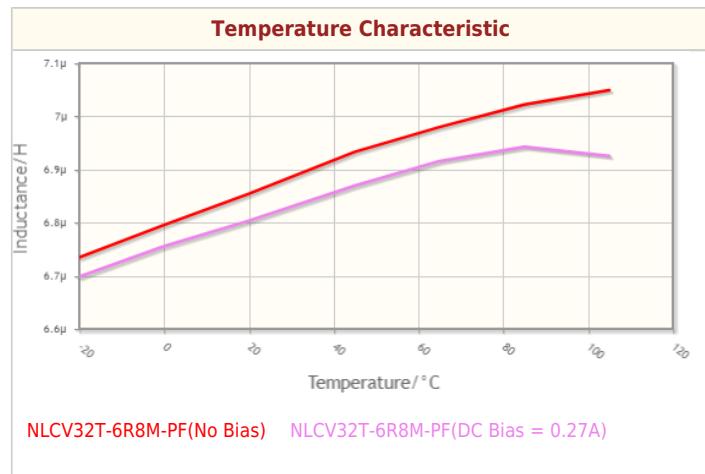
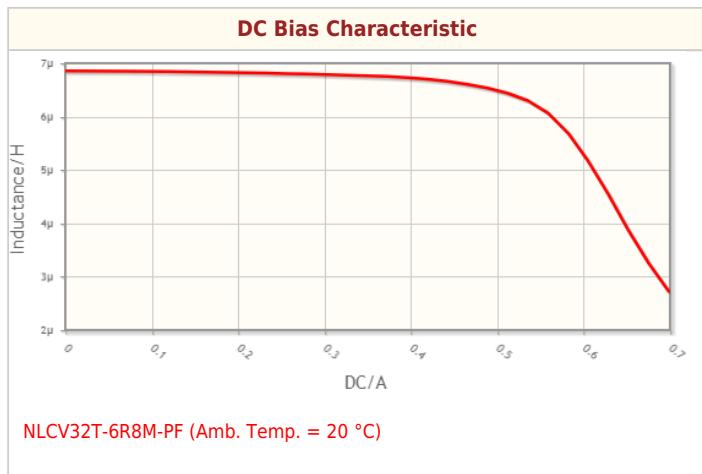
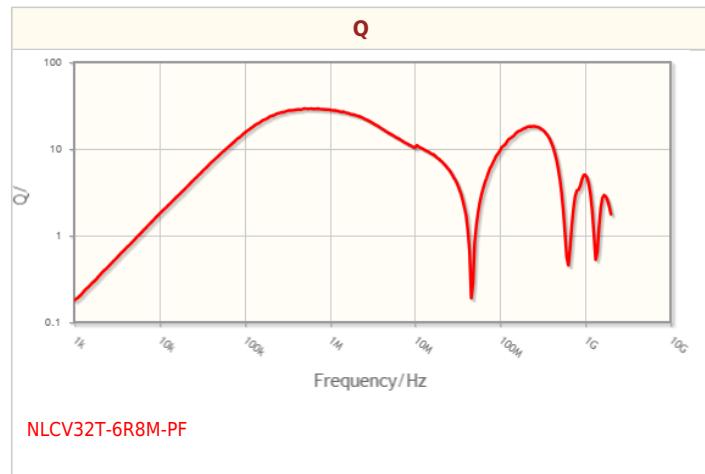
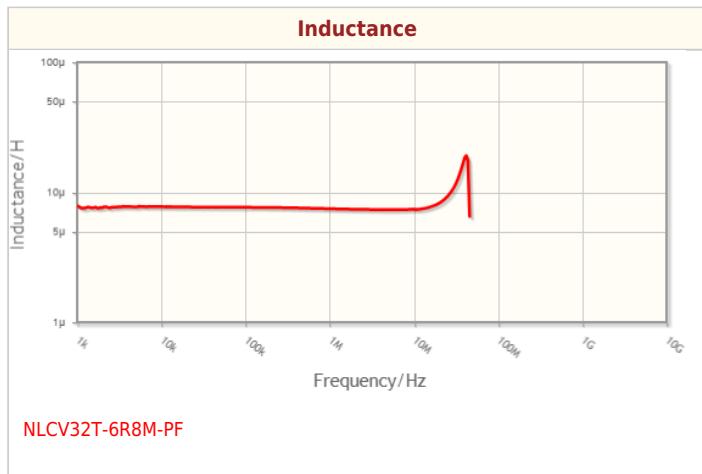
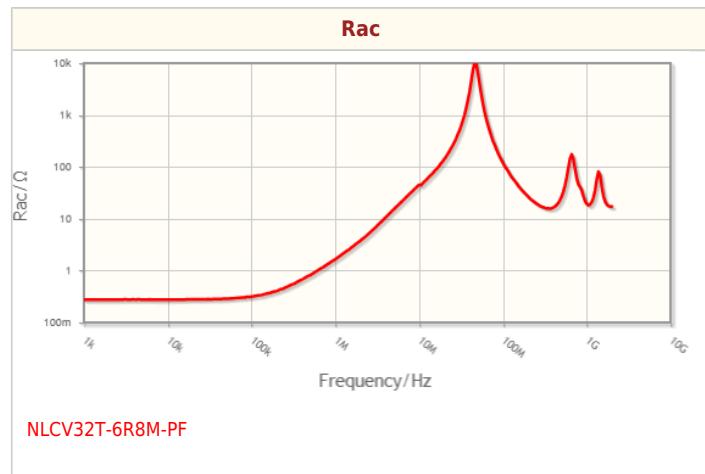
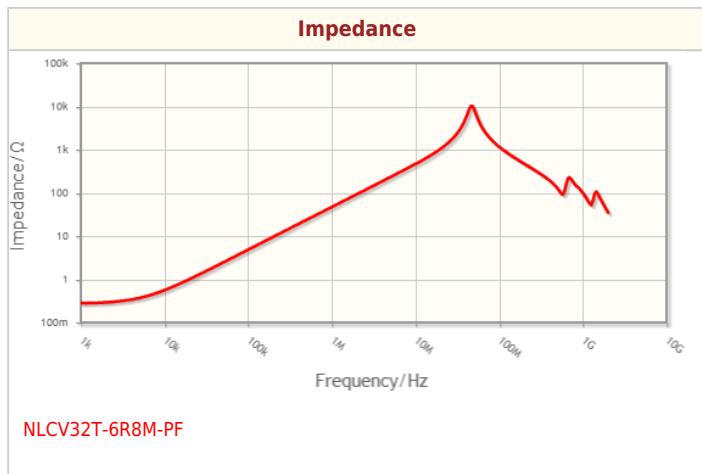
! All specifications are subject to change without notice.

## NLCV32T-6R8M-PF

Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.05g

! 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.)

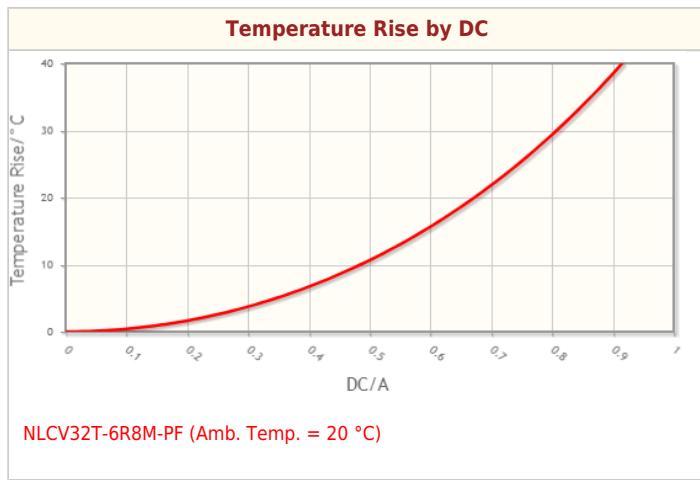


! Images are for reference only and show exemplary products.

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

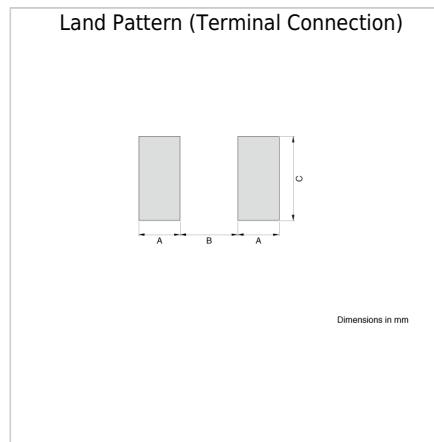
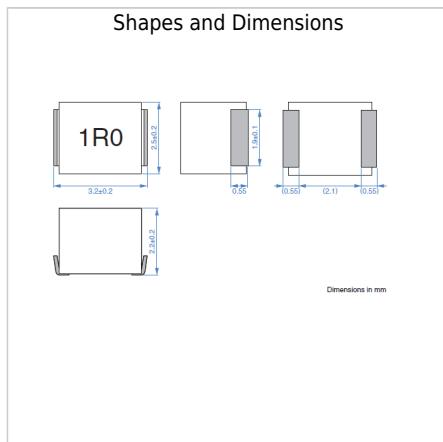
! All specifications are subject to change without notice.

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



! 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.

## Associated Images



! 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.