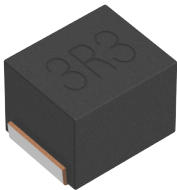


|                          |                                                                                                                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Status           | EOL Announced                                                                                                                                                                                                                                                                                                        |
|                          | Recommended Alternate Part No. : <a href="#">NLCV25T-100K-EF</a> (Interchangeability is not guaranteed.)                                                                                                                                                                                                             |
|                          | Discontinue Issue Date : Nov.19, 2024                                                                                                                                                                                                                                                                                |
|                          | Last Purchase Order Date : Mar.31, 2026                                                                                                                                                                                                                                                                              |
|                          | Last Shipment Date : Sep.30, 2026                                                                                                                                                                                                                                                                                    |
| Applications             | Commercial Grade                                                                                                                                                                                                                                                                                                     |
| Feature                  | No DirectivityNo Directivity                                                                                                                                                                                                                                                                                         |
|                          | Wire WoundWire Wound                                                                                                                                                                                                                                                                                                 |
|                          | Ferrite CoreFerrite Core                                                                                                                                                                                                                                                                                             |
| Series   Type            | NLCV25-PF                                                                                                                                                                                                                                                                                                            |
| Brand                    | TDK                                                                                                                                                                                                                                                                                                                  |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div></div> |



| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 2.50mm ±0.20mm |
| Width(W)                     | 2.00mm ±0.10mm |
| Thickness   Height           | 1.80mm ±0.10mm |
| Recommended Land Pattern (A) | 1.00mm Nom.    |
| Recommended Land Pattern (B) | 1.50mm Nom.    |
| Recommended Land Pattern (C) | 1.50mm Nom.    |

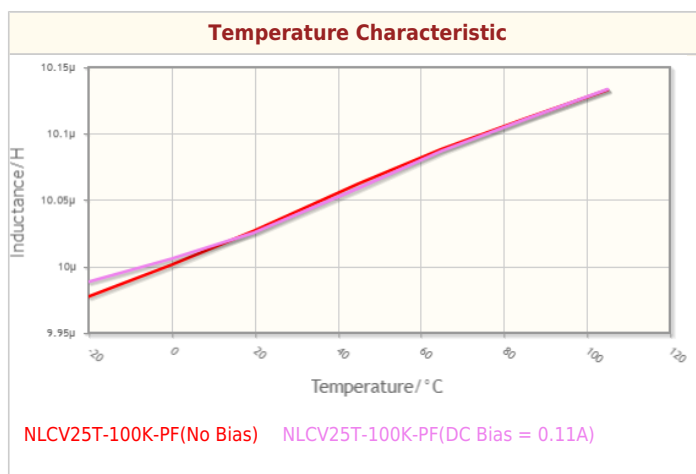
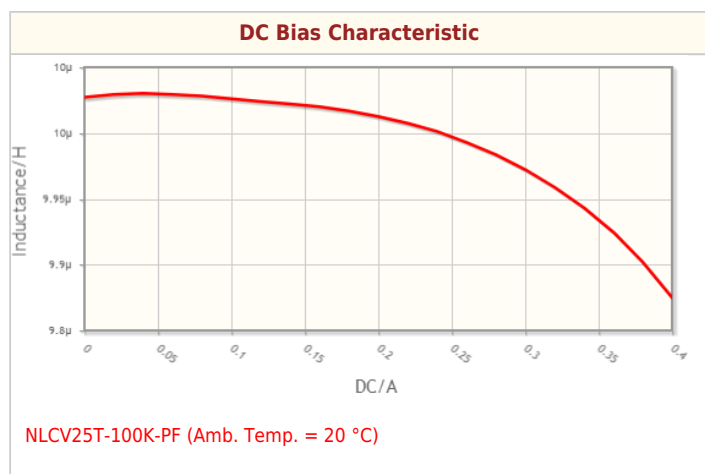
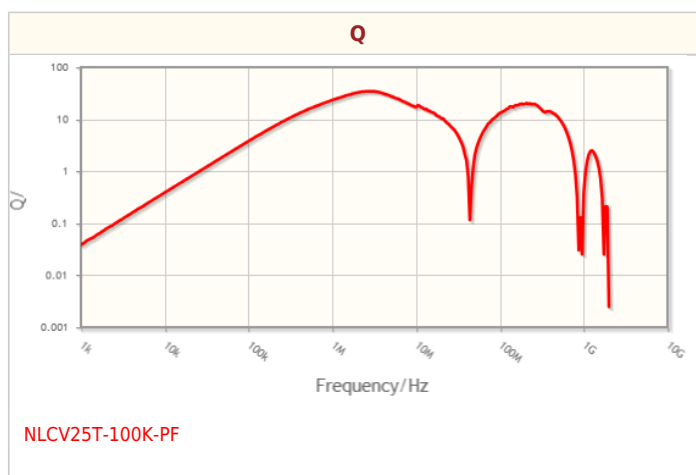
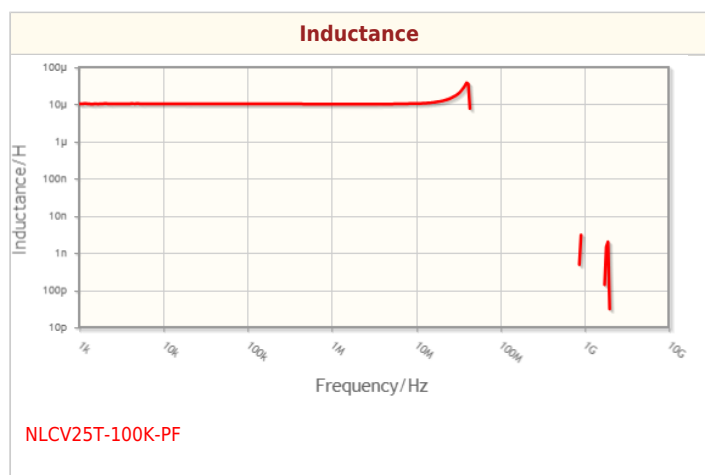
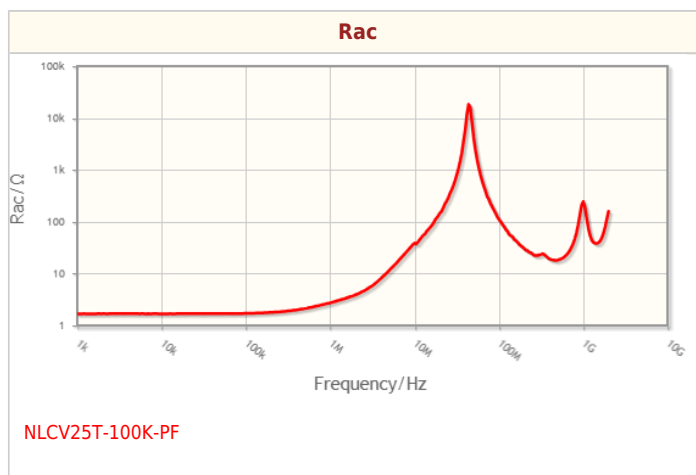
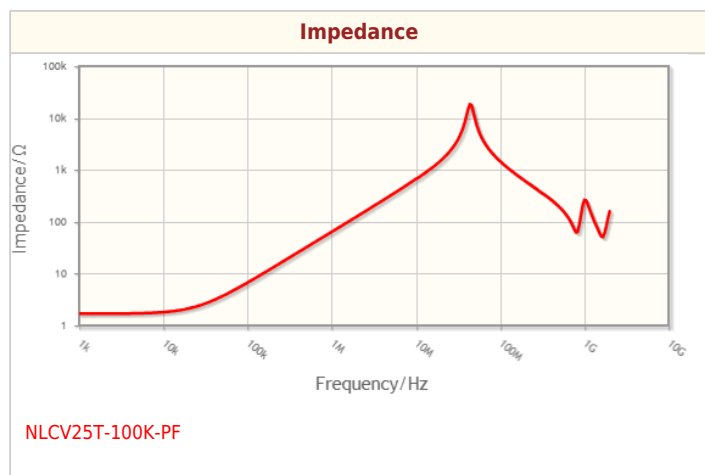
| Electrical Characteristics     |                      |
|--------------------------------|----------------------|
| Inductance                     | 10μH ±10% at 2.52MHz |
| Rated Current                  | 210mA                |
| DC Resistance [Typ.]           | 1.69Ω                |
| DC Resistance [Max.]           | 2.197Ω               |
| Self Resonant Frequency [Min.] | 32MHz                |
| Self Resonant Frequency [Typ.] |                      |
| Q [Min.]                       |                      |
| Q [Typ.]                       | 30 at 2.52MHz        |

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

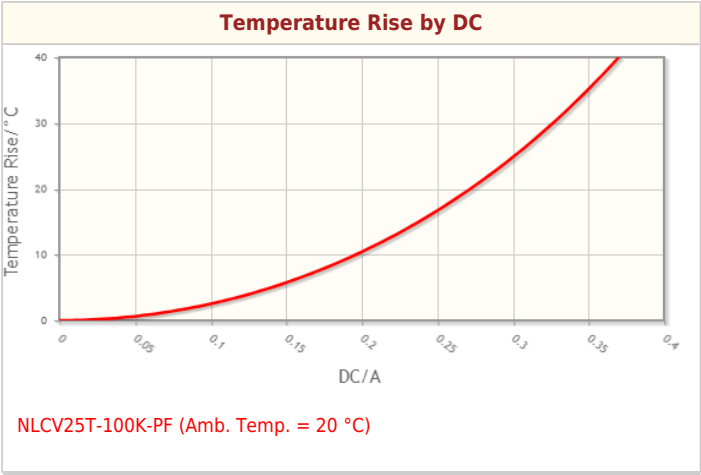
! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

|                  |                                       |
|------------------|---------------------------------------|
| Packing          | Embossed (Plastic)Taping [180mm Reel] |
| Package Quantity | 2000pcs                               |
| Weight           | 0.025g                                |

## 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

