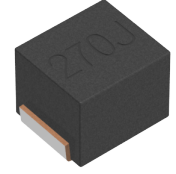


|                      |                  |
|----------------------|------------------|
| <b>Applications</b>  | Automotive Grade |
| <b>Feature</b>       | AEC-Q200         |
|                      | No Directivity   |
|                      | Wire Wound       |
|                      | Ferrite Core     |
| <b>Series   Type</b> | NLV32-EFD        |
| <b>Status</b>        | Production       |
| <b>Brand</b>         | TDK              |



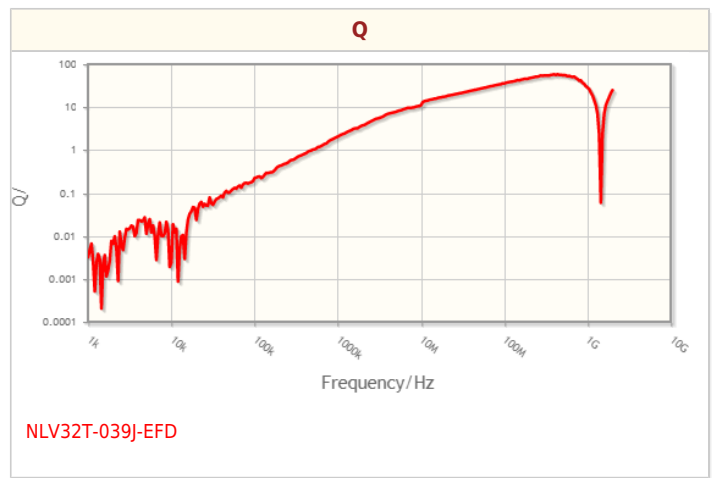
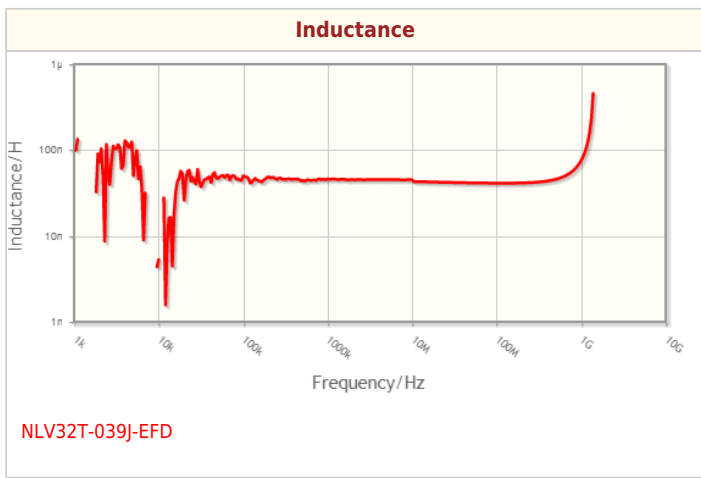
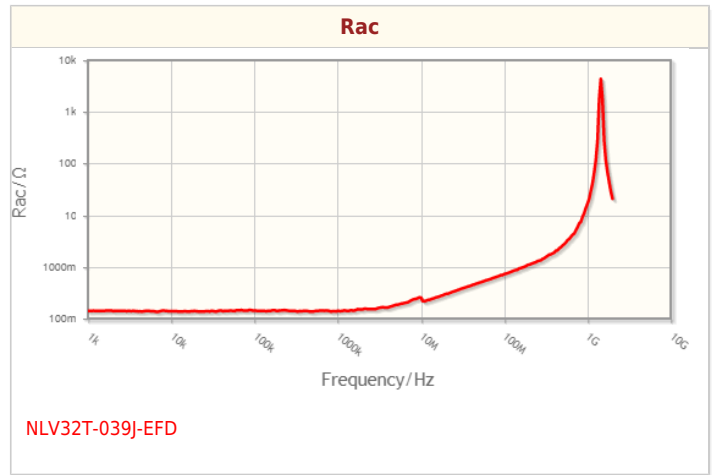
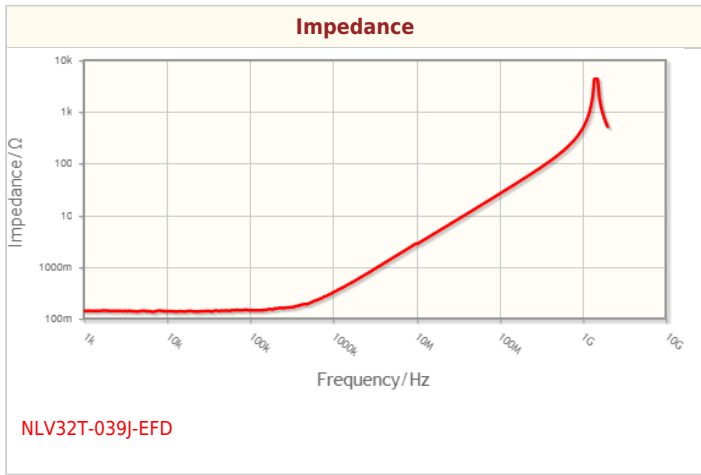
| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 3.20mm ±0.20mm |
| Width(W)                     | 2.50mm ±0.20mm |
| Thickness   Height           | 2.20mm ±0.20mm |
| Recommended Land Pattern (A) | 1.20mm Nom.    |
| Recommended Land Pattern (B) | 2.00mm Nom.    |
| Recommended Land Pattern (C) | 2.00mm Nom.    |

| Electrical Characteristics     |                    |
|--------------------------------|--------------------|
| Inductance                     | 39nH ±5% at 100MHz |
| Rated Current                  | 450mA              |
| DC Resistance [Typ.]           |                    |
| DC Resistance [Max.]           | 270mΩ              |
| Self Resonant Frequency [Min.] | 1.3GHz             |
| Self Resonant Frequency [Typ.] |                    |
| Q [Min.]                       | 25 at 100MHz       |
| Q [Typ.]                       |                    |

| Other                                             |                                       |
|---------------------------------------------------|---------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 105°C                          |
| Soldering Method                                  | Wave (Flow)                           |
|                                                   | Reflow                                |
|                                                   | Iron Soldering                        |
| AEC-Q200                                          | YES                                   |
| 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.

## Associated Images

