



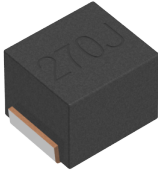


| | |
|--------------------------|---|
| Product Status | Production |
| Applications | Automotive Grade |
| Feature | AEC-Q200AEC-Q200 |
| | No DirectivityNo Directivity |
| | Wire WoundWire Wound |
| | Ferrite CoreFerrite Core |
| Series Type | NLV25-EFD |
| Brand | TDK |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead 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 | 6.8μH ±5% at 7.96MHz |
| Rated Current | 165mA |
| DC Resistance [Typ.] | |
| DC Resistance [Max.] | 2.7Ω |
| Self Resonant Frequency [Min.] | 39MHz |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | 25 at 7.96MHz |
| Q [Typ.] | |

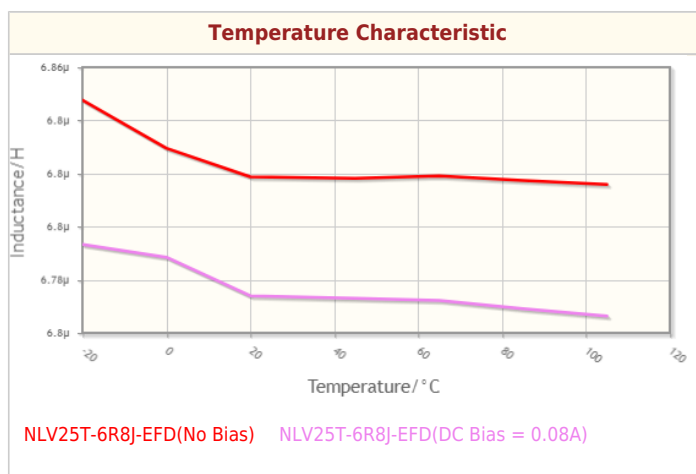
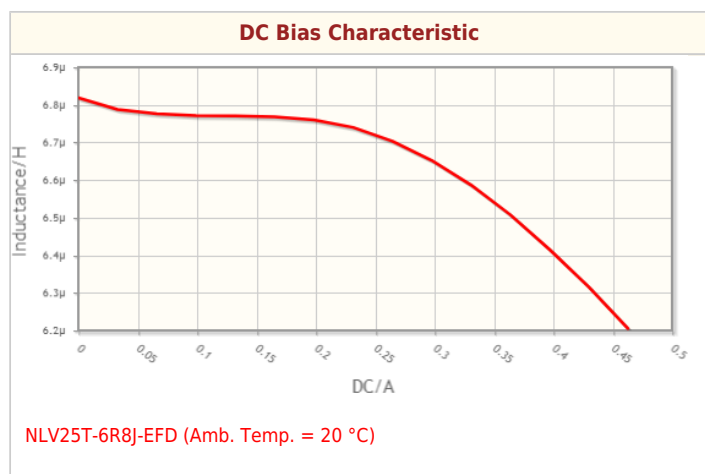
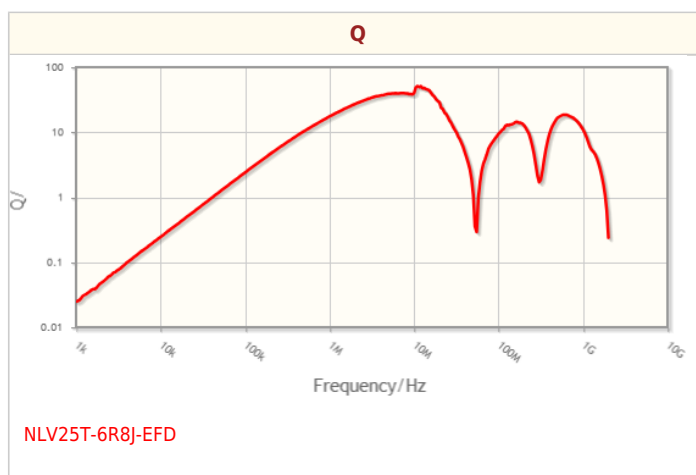
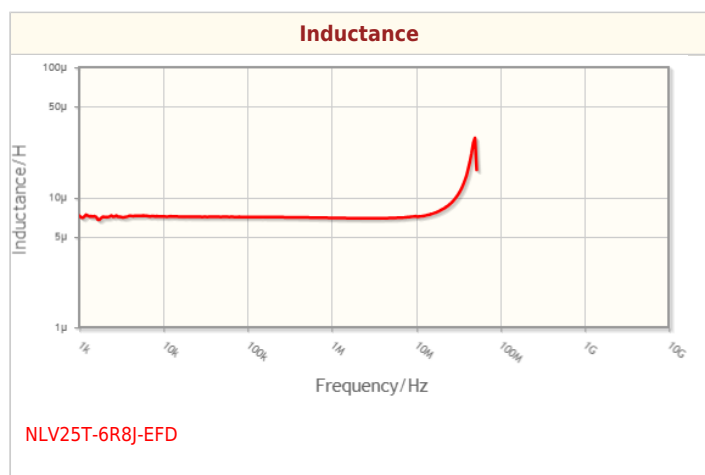
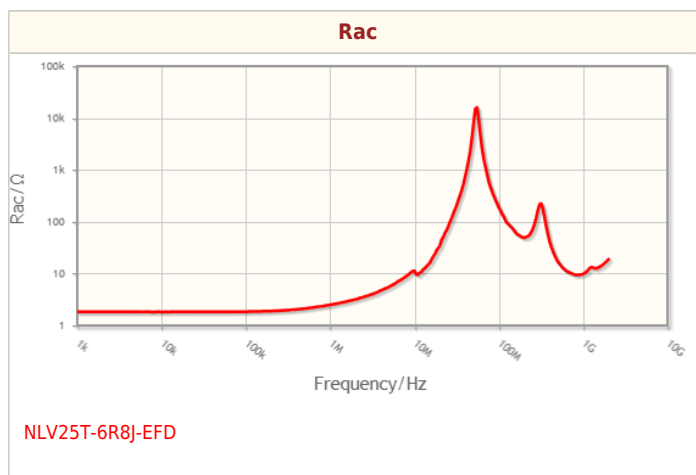
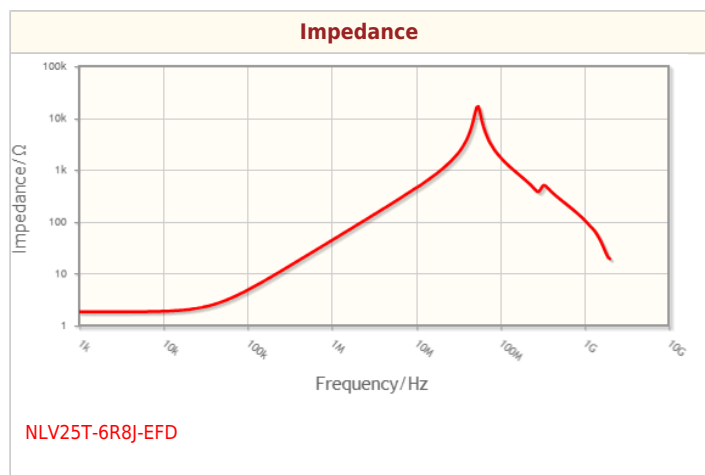
| Other | |
|-----------------------|--|
| Operating Temp. Range | -40 to 105°C (Including Self-Temp. Rise) |
| Soldering Method | Wave (Flow) |
| | Reflow |
| | Iron Soldering |
| AEC-Q200 | YES |
| Packing | Embossed (Plastic)Taping [180mm Reel] |
| Package Quantity | 2000pcs |
| Weight | 0.025g |

! 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

