

|                      |                  |
|----------------------|------------------|
| <b>Applications</b>  | Commercial Grade |
| <b>Feature</b>       | No Directivity   |
|                      | Wire Wound       |
|                      | Magnetic Shield  |
|                      | Ferrite Core     |
| <b>Series   Type</b> | NLFV25-EF        |
| <b>Status</b>        | Production       |
| <b>Brand</b>         | TDK              |



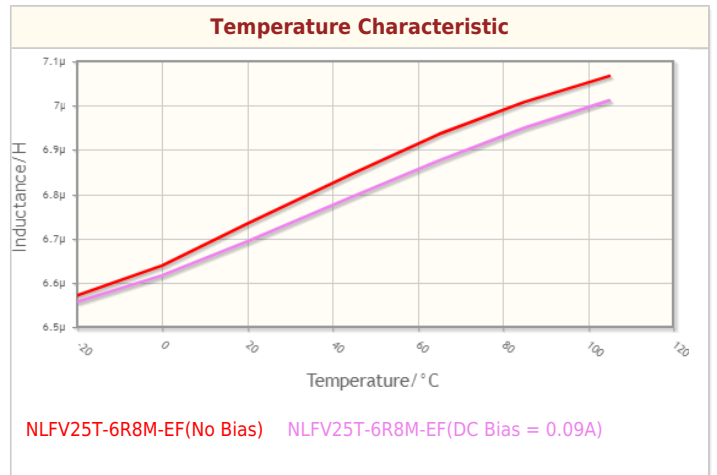
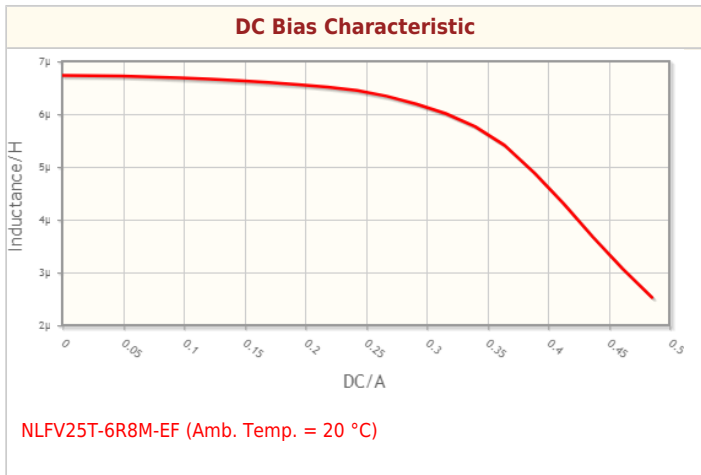
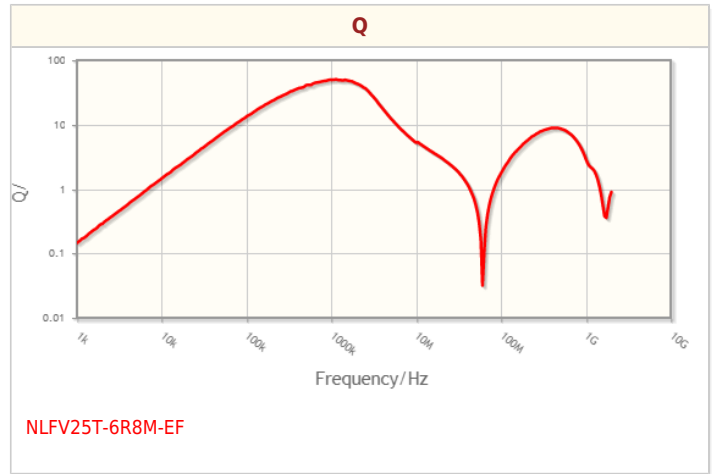
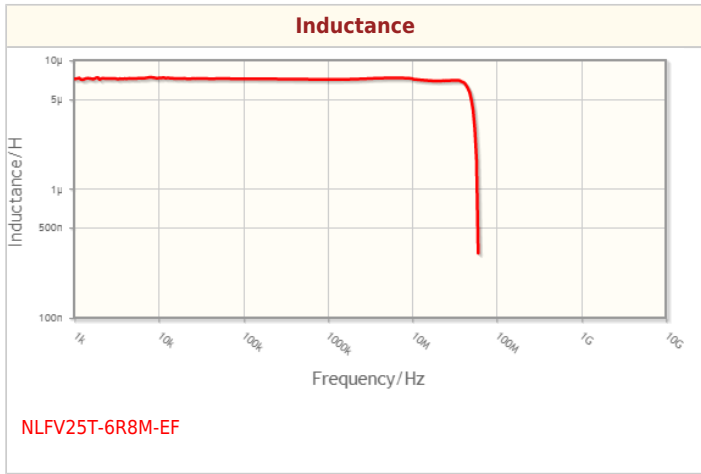
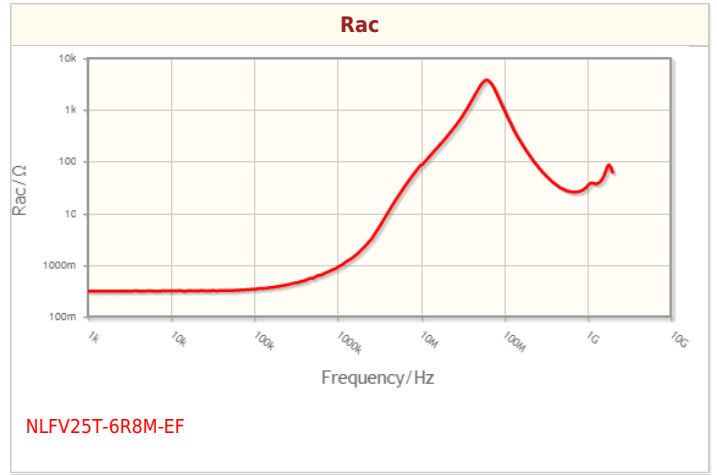
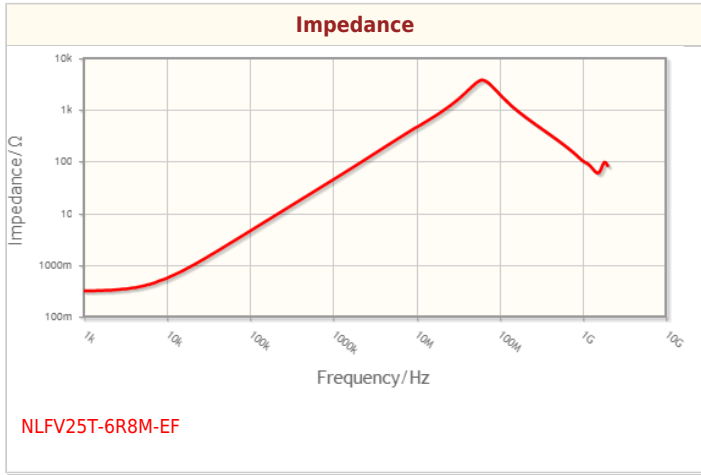
| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 2.50mm ±0.20mm |
| Width(W)                     | 2.00mm ±0.10mm |
| Thickness   Height           | 1.80mm ±0.10mm |
| Recommended Land Pattern (A) | 1.00mm Nom.    |
|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

| Electrical Characteristics     |                       |
|--------------------------------|-----------------------|
| Inductance                     | 6.8μH ±20% at 7.96MHz |
| Rated Current                  | 175mA                 |
| DC Resistance [Typ.]           | 290mΩ                 |
| DC Resistance [Max.]           | 350mΩ                 |
| Self Resonant Frequency [Min.] |                       |
| Self Resonant Frequency [Typ.] |                       |
| Q [Min.]                       |                       |
| Q [Typ.]                       |                       |

| 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                                  | 2000pcs                               |
| Weight  | 0.025g                                |

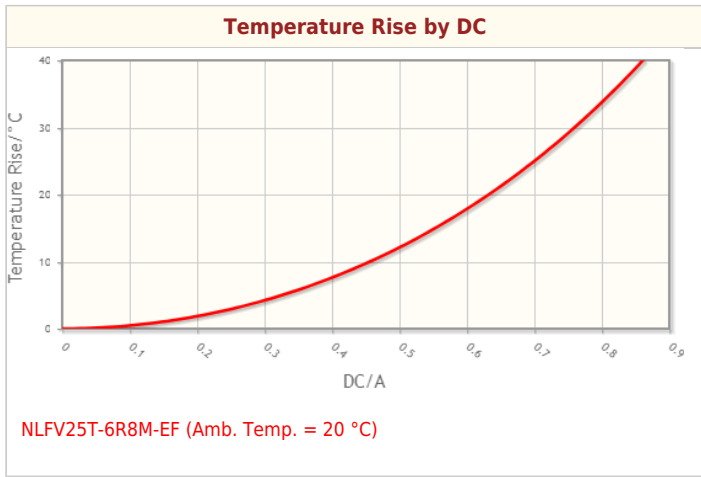
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images

