

MLG0603S62NHTD25



|               |  |
|---------------|--|
| Applications  | Automotive Grade                       |
| Feature       | AEC-Q200                               |
|               | Multilayer                             |
|               | Non-Magnetic Core (Dielectric Ceramic) |
| Series   Type | MLG                                    |
| Status        | Production                             |
| Brand         | TDK                                    |



| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 0.60mm ±0.03mm |
| Width(W)                     | 0.30mm ±0.03mm |
| Thickness   Height           | 0.30mm ±0.03mm |
| Recommended Land Pattern (A) | 0.25mm Nom.    |
| Recommended Land Pattern (B) | 0.30mm Nom.    |
| Recommended Land Pattern (C) | 0.30mm Nom.    |

| Electrical Characteristics     |                    |
|--------------------------------|--------------------|
| Inductance                     | 62nH ±3% at 100MHz |
| Rated Current                  | 50mA               |
| DC Resistance [Typ.]           | 2.22Ω              |
| DC Resistance [Max.]           | 3.3Ω               |
| Self Resonant Frequency [Min.] | 1.1GHz             |
| Self Resonant Frequency [Typ.] | 1.3GHz             |
| Q [Min.]                       | 5 at 100MHz        |
| Q [Typ.]                       |                    |

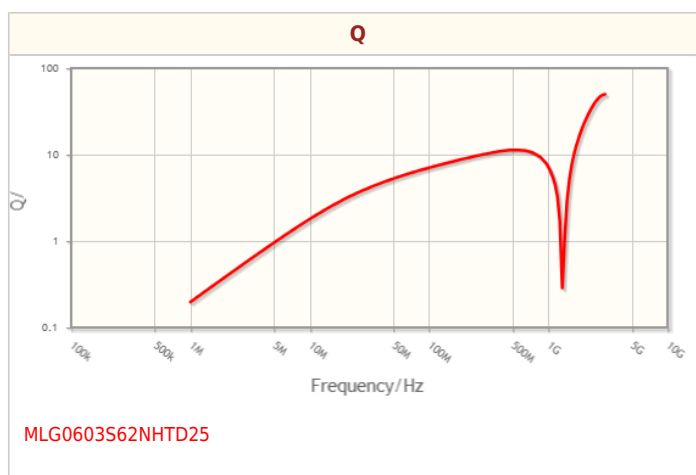
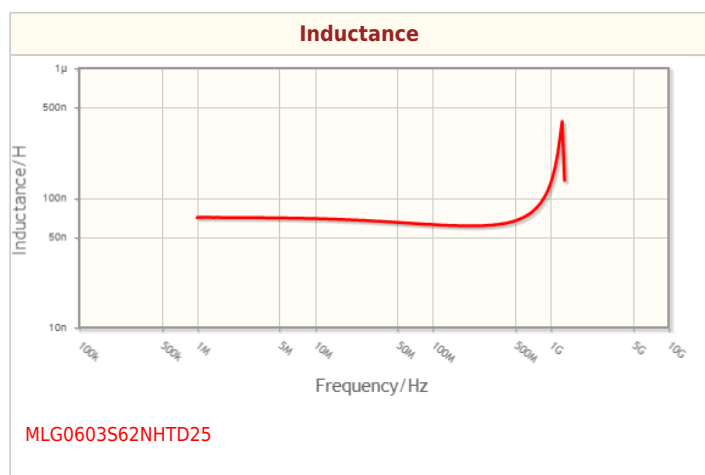
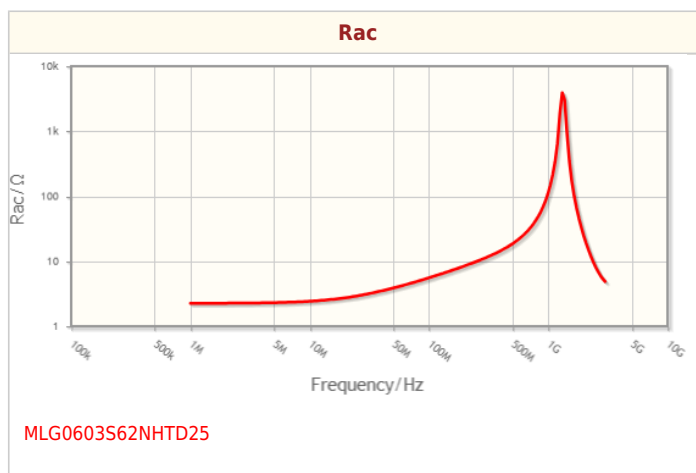
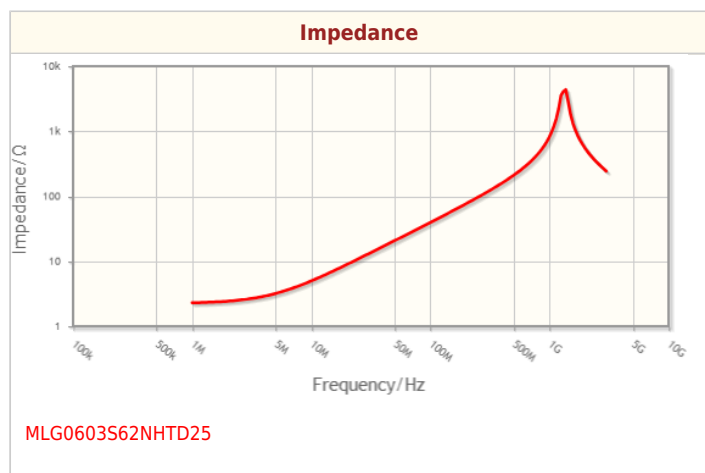
| Other                 |  |
|-----------------------|--|
| Operating Temp. Range | -55 to 125°C                                       |
| Soldering Method      | Reflow   |
|                       | Iron Soldering                                     |
| AEC-Q200              | YES  |
| Packing               | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity      | 15000pcs   |
| Weight                | 0.0002g  |

! 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.

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





# Associated Images

