





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

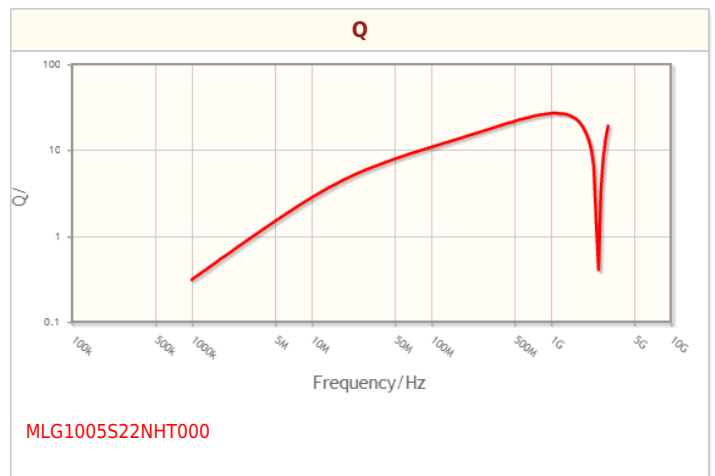
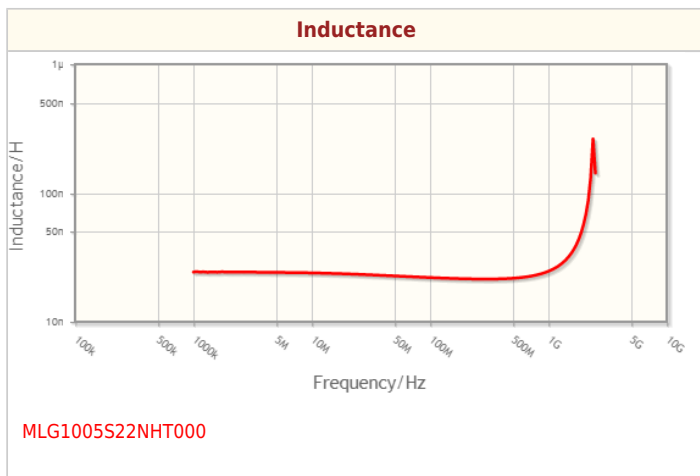
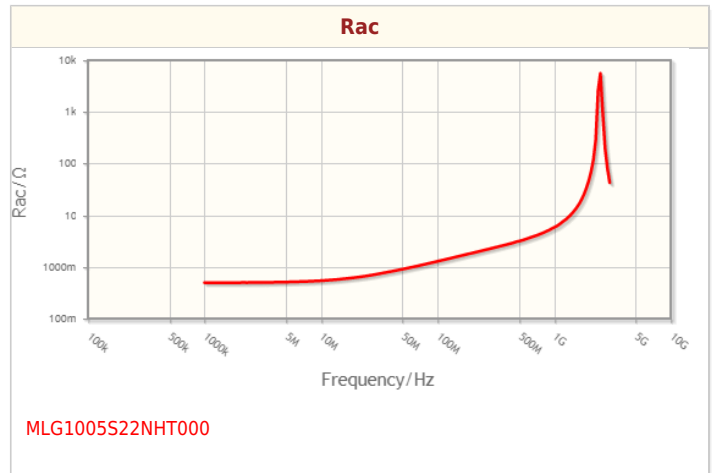
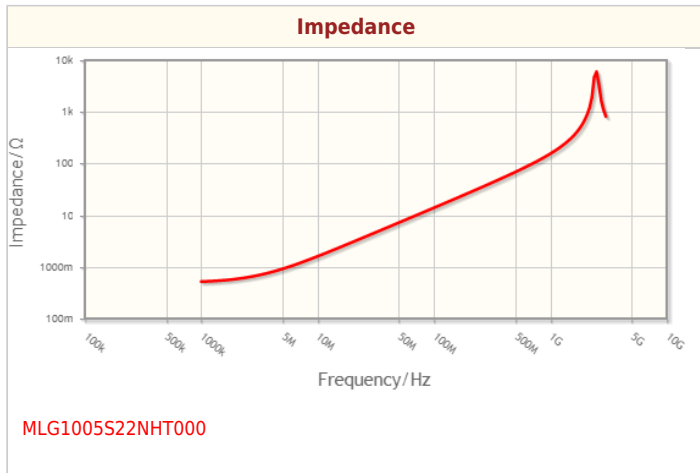


| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 1.00mm ±0.05mm |
| Width(W)                     | 0.50mm ±0.05mm |
| Thickness   Height           | 0.50mm ±0.05mm |
| Recommended Land Pattern (A) | 0.50mm Nom.    |
| Recommended Land Pattern (B) | 0.40mm Nom.    |
| Recommended Land Pattern (C) | 0.50mm Nom.    |

| Electrical Characteristics     |                    |
|--------------------------------|--------------------|
| Inductance                     | 22nH ±3% at 100MHz |
| Rated Current                  | 350mA              |
| DC Resistance [Typ.]           | 460mΩ              |
| DC Resistance [Max.]           | 700mΩ              |
| Self Resonant Frequency [Min.] | 1.7GHz             |
| Self Resonant Frequency [Typ.] | 2.2GHz             |
| Q [Min.]                       | 8 at 100MHz        |
| Q [Typ.]                       | 11 at 100MHz       |

| Other   |  |
|---|--|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C                                       |
| Soldering Method                                  | Reflow   |
|   | Iron Soldering                                     |
| AEC-Q200  | NO   |
| Packing   | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity                                  | 10000pcs   |
| Weight  | 0.001g   |

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



# Associated Images

