

**Applications**



Commercial Grade

**Feature**

**Multilayer** Multilayer

**Non-Mag Core** 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**

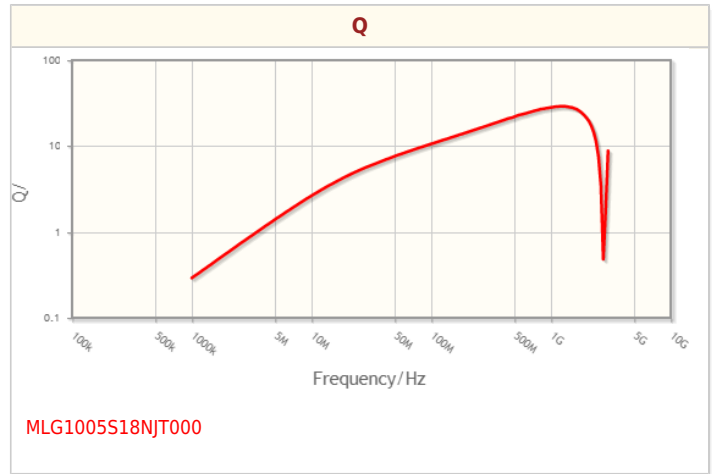
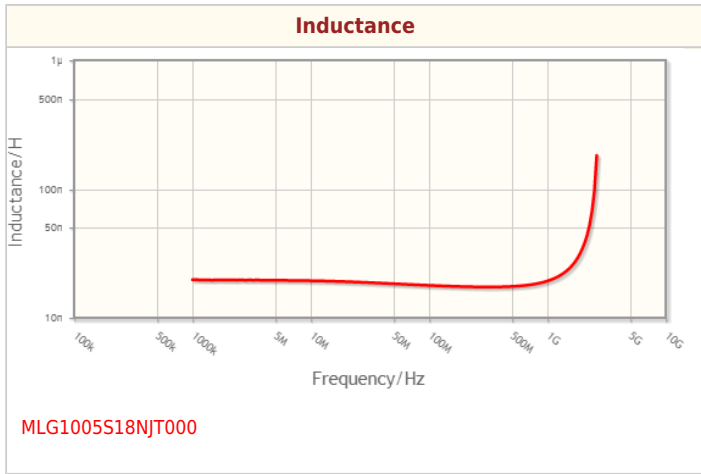
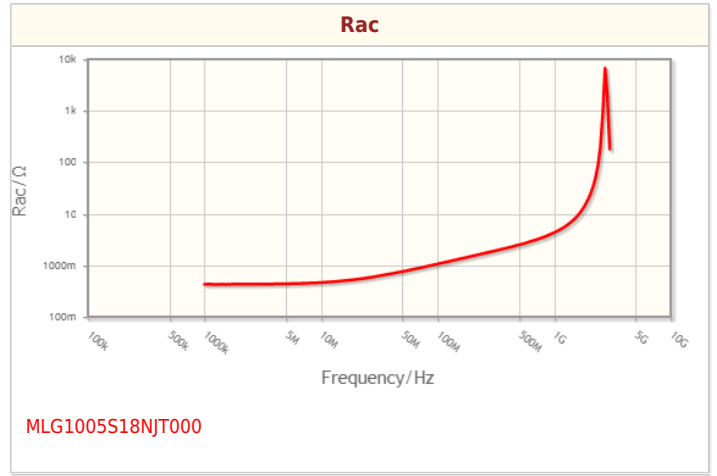
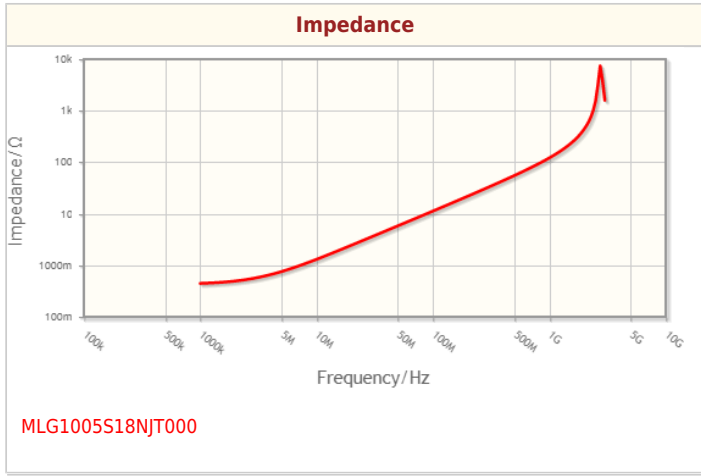
|                                |                    |
|--------------------------------|--------------------|
| Inductance                     | 18nH ±5% at 100MHz |
| Rated Current                  | 350mA              |
| DC Resistance [Typ.]           | 400mΩ              |
| DC Resistance [Max.]           | 600mΩ              |
| Self Resonant Frequency [Min.] | 2GHz               |
| Self Resonant Frequency [Typ.] | 2.5GHz             |
| 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<br>Iron Soldering                           |
| AEC-Q200  | NO   |
| Packing   | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity                                  | 10000pcs   |
| Weight  | 0.001g   |

! 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.)



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## Associated Images

