

|                          |                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------|
| Product Status           | Production                                                                                 |
| Applications             | Commercial Grade                                                                           |
| Feature                  | MultilayerMultilayer<br>Non-Mag CoreNon-Magnetic Core (Dielectric Ceramic)<br>High QHigh Q |
| Series   Type            | MLG-P                                                                                      |
| Brand                    | TDK                                                                                        |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>      |



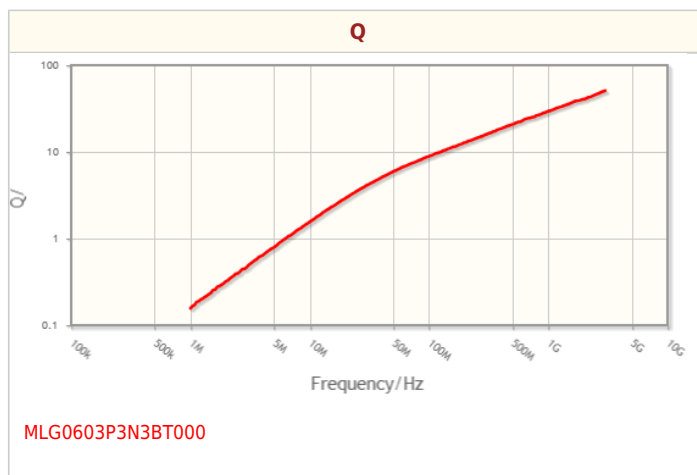
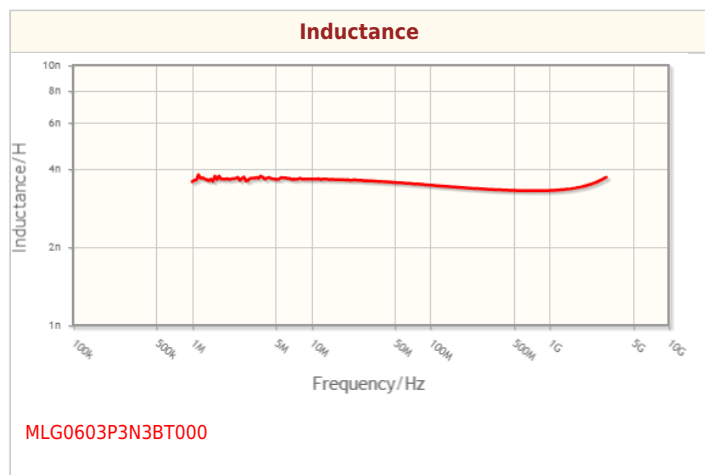
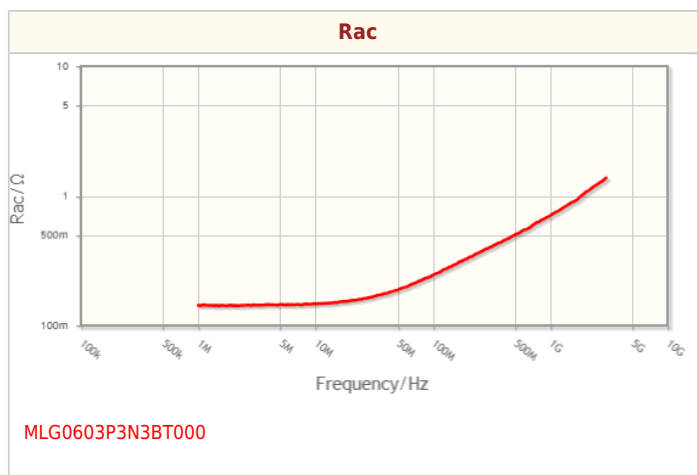
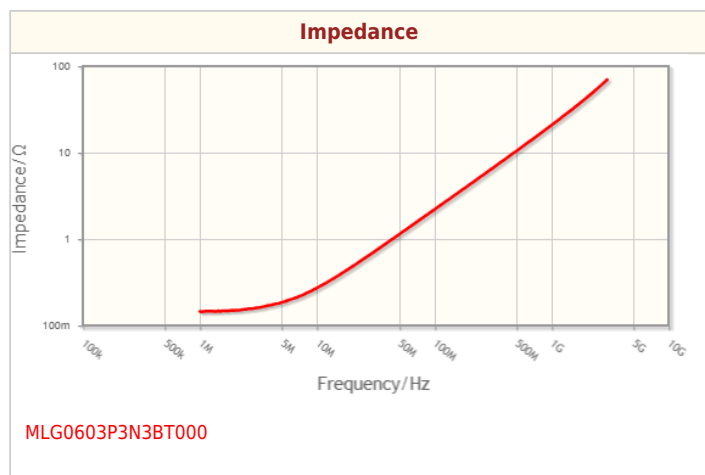
| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 0.60mm ±0.03mm |
| Width(W)                     | 0.30mm ±0.03mm |
| Thickness   Height           | 0.30mm ±0.03mm |
| Recommended Land Pattern (A) | 0.25mm Nom.    |
|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

| Electrical Characteristics     |                        |
|--------------------------------|------------------------|
| Inductance                     | 3.3nH ±0.1nH at 500MHz |
| Rated Current                  | 450mA                  |
| DC Resistance [Typ.]           | 130mΩ                  |
| DC Resistance [Max.]           | 200mΩ                  |
| Self Resonant Frequency [Min.] | 7.5GHz                 |
| Self Resonant Frequency [Typ.] | 8.4GHz                 |
| Q [Min.]                       | 14 at 500MHz           |
| Q [Typ.]                       | 18 at 500MHz           |

| Other                 |                                                    |
|-----------------------|----------------------------------------------------|
| Operating Temp. Range | -55 to 125°C                                       |
| Soldering Method      | Reflow                                             |
| AEC-Q200              | NO                                                 |
| 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.

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



### Associated Images

