

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



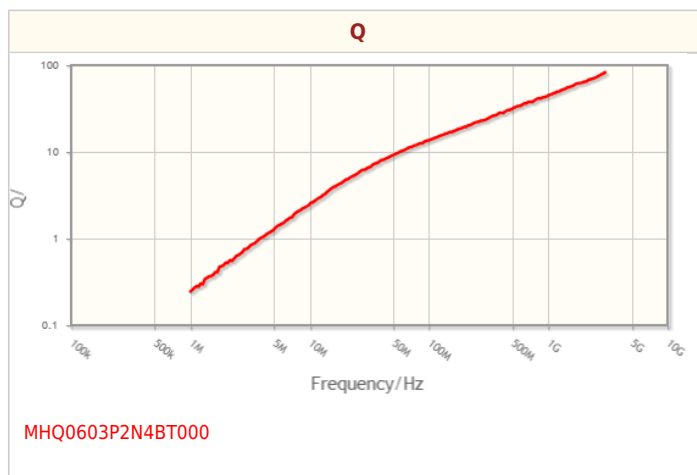
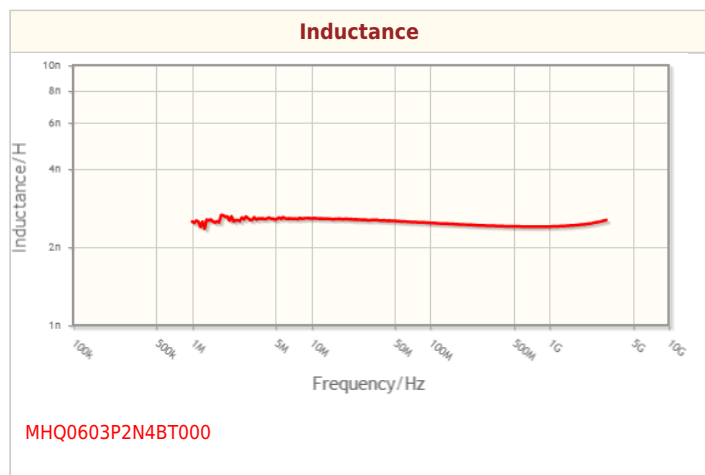
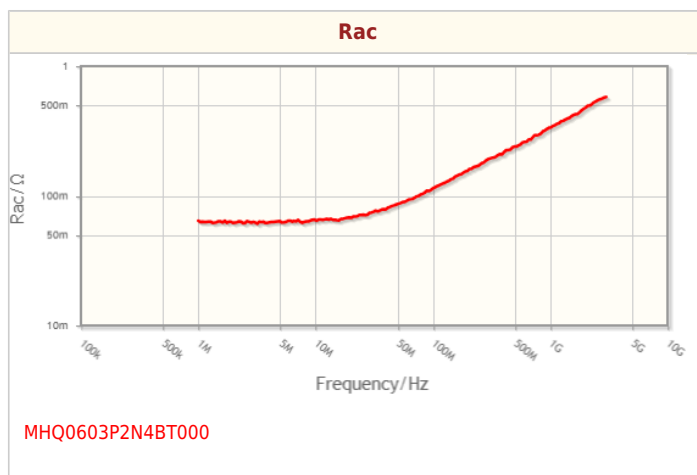
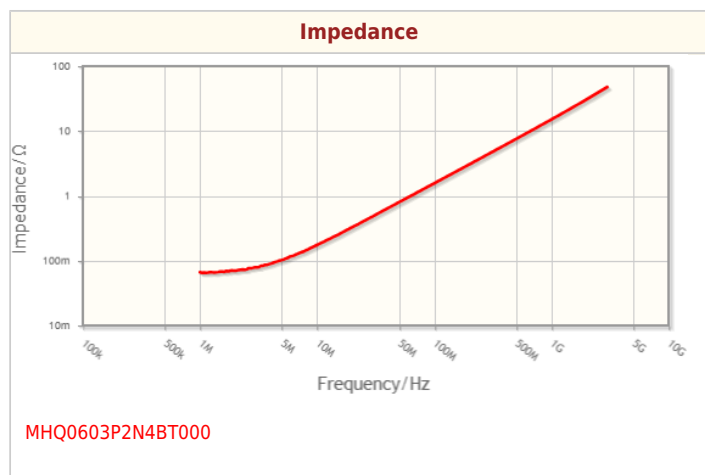
| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 0.65mm ±0.05mm |
| Width(W)                     | 0.35mm ±0.05mm |
| Thickness   Height           | 0.35mm ±0.05mm |
| Recommended Land Pattern (A) | 0.25mm Nom.    |
| Recommended Land Pattern (B) | 0.30mm Nom.    |
| Recommended Land Pattern (C) | 0.30mm Nom.    |

| Electrical Characteristics     |                        |
|--------------------------------|------------------------|
| Inductance                     | 2.4nH ±0.1nH at 500MHz |
| Rated Current                  | 700mA                  |
| DC Resistance [Typ.]           | 80mΩ                   |
| DC Resistance [Max.]           | 150mΩ                  |
| Self Resonant Frequency [Min.] | 8GHz                   |
| Self Resonant Frequency [Typ.] | 11.7GHz                |
| Q [Min.]                       | 16 at 500MHz           |
| Q [Typ.]                       |                        |

| 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

