

MHQ0603P3N5ST000



|               |   |
|---------------|---|
| Applications  | Commercial Grade  |
| Feature       | <div>MultilayerMultilayer</div> <div>Non-Mag CoreNon-Magnetic Core (Dielectric Ceramic)</div> <div>Super High QSuper High Q</div> |
| Series   Type | MHQ-P   |
| Status        | Production  |
| Brand         | TDK   |



| 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                     | 3.5nH ±0.3nH at 500MHz |
| Rated Current                  | 500mA                  |
| DC Resistance [Typ.]           | 170mΩ                  |
| DC Resistance [Max.]           | 250mΩ                  |
| Self Resonant Frequency [Min.] | 6.5GHz                 |
| Self Resonant Frequency [Typ.] | 9.5GHz                 |
| Q [Min.]                       | 16 at 500MHz           |
| Q [Typ.]                       |                        |

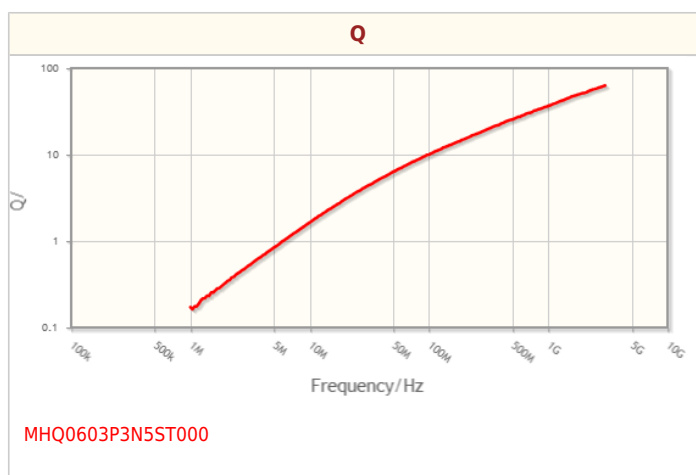
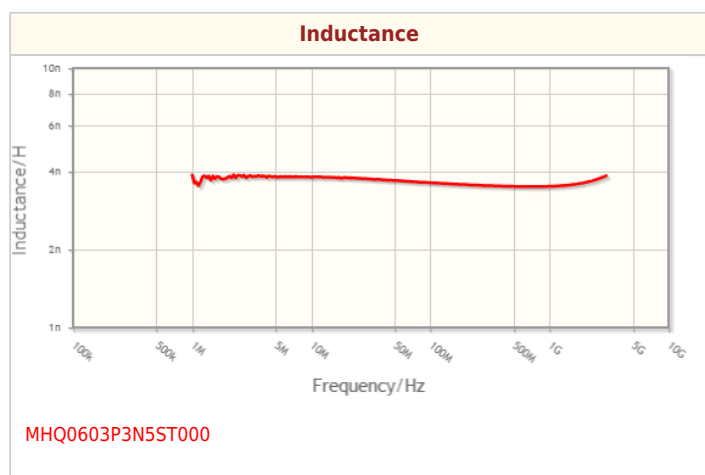
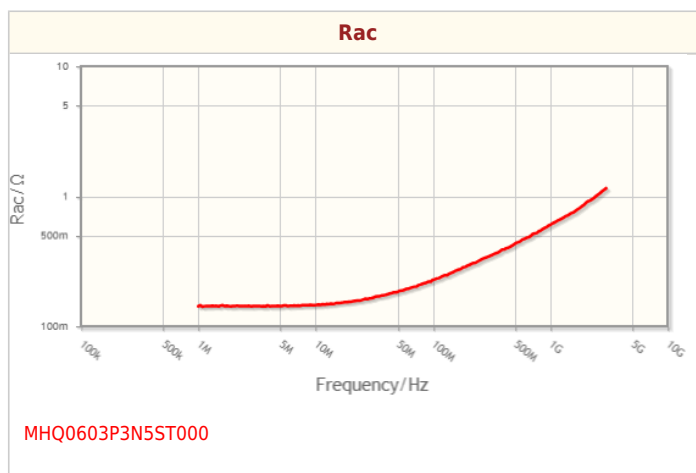
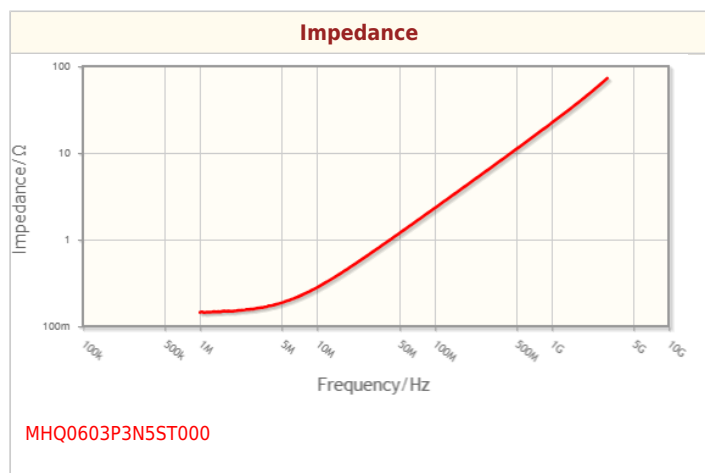
| Other                 |  |
|-----------------------|--|
| Operating Temp. Range | -55 to 125°C                                       |
| Soldering Method      | Reflow   |
| AEC-Q200              | NO   |
| Packing               | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity      | 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.

MHQ0603P3N5ST000



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



MHQ0603P3N5ST000



# Associated Images

