

| | |
|--------------------------|--|
| Product Status | Production |
| Applications | Commercial Grade |
| Feature | Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) Super High Q |
| Series Type | MHQ-P |
| Brand | TDK |
| Environmental Compliance |  RoHS  REACH  Halogen Free  Lead Free |



| Size | |
|------------------------------|---------------------|
| Length(L) | 0.65mm \pm 0.05mm |
| Width(W) | 0.35mm \pm 0.05mm |
| Thickness Height | 0.35mm \pm 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 | 3nH \pm 0.2nH at 500MHz |
| Rated Current | 450mA |
| DC Resistance [Typ.] | 190m Ω |
| DC Resistance [Max.] | 300m Ω |
| Self Resonant Frequency [Min.] | 8GHz |
| Self Resonant Frequency [Typ.] | 10.3GHz |
| Q [Min.] | 16 at 500MHz |
| Q [Typ.] | |

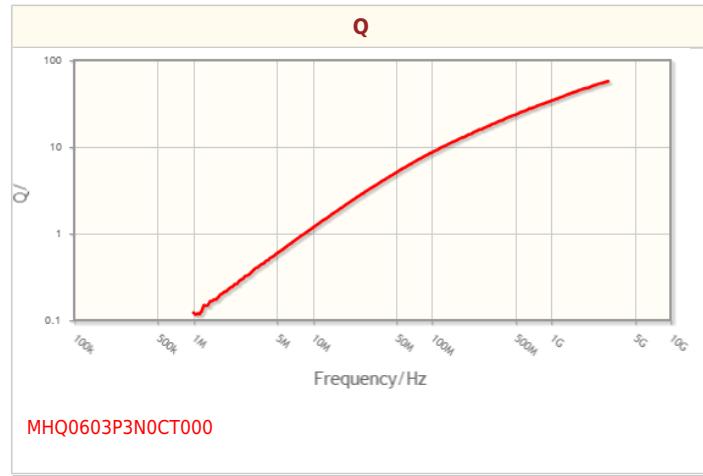
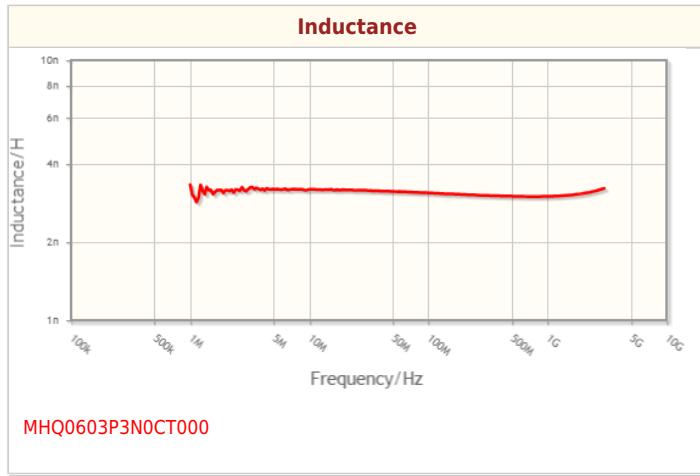
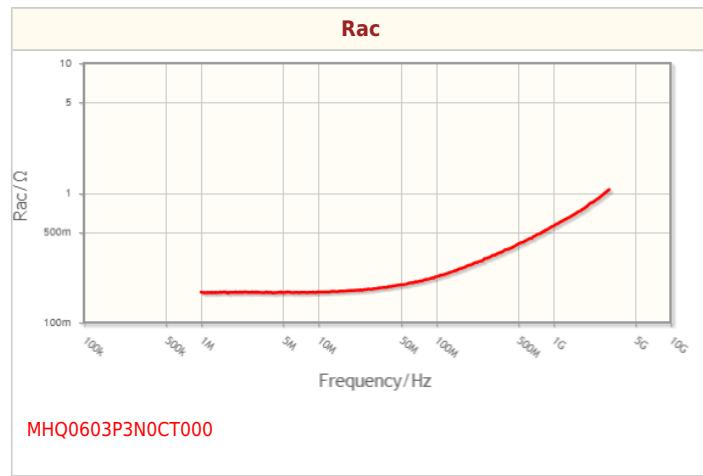
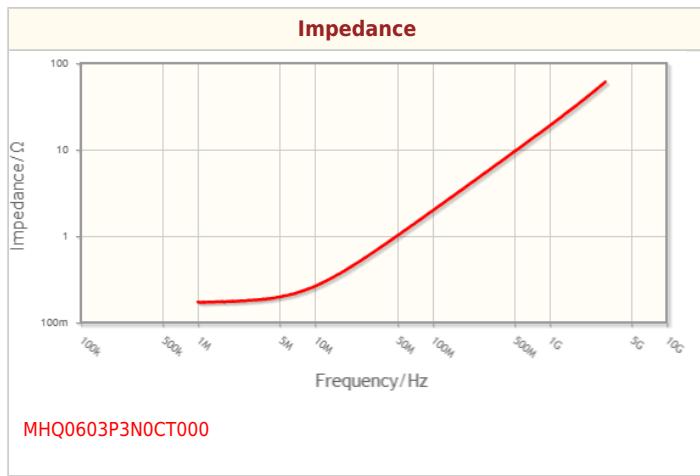
| Other | |
|-----------------------|--|
| Operating Temp. Range | -55 to 125°C |
| Soldering Method | Reflow |
| AEC-Q200 | NO |
| Packing | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity | 15000pcs |
| Weight | 0.0002g |

! 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.)

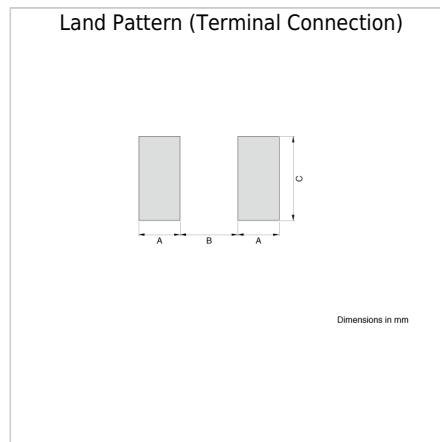
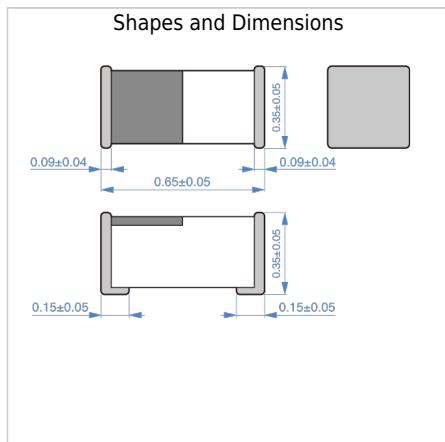


! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

Associated Images



! 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.