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



| Size | |
|------------------------------|----------------------------|
| Length(L) | 0.60mm $\pm 0.03\text{mm}$ |
| Width(W) | 0.30mm $\pm 0.03\text{mm}$ |
| Thickness Height | 0.30mm $\pm 0.03\text{mm}$ |
| 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 $\pm 0.1\text{nH}$ at 500MHz |
| Rated Current | 450mA |
| DC Resistance [Typ.] | 120m Ω |
| DC Resistance [Max.] | 200m Ω |
| Self Resonant Frequency [Min.] | 6.5GHz |
| Self Resonant Frequency [Typ.] | 8GHz |
| Q [Min.] | 14 at 500MHz |
| Q [Typ.] | 18 at 500MHz |

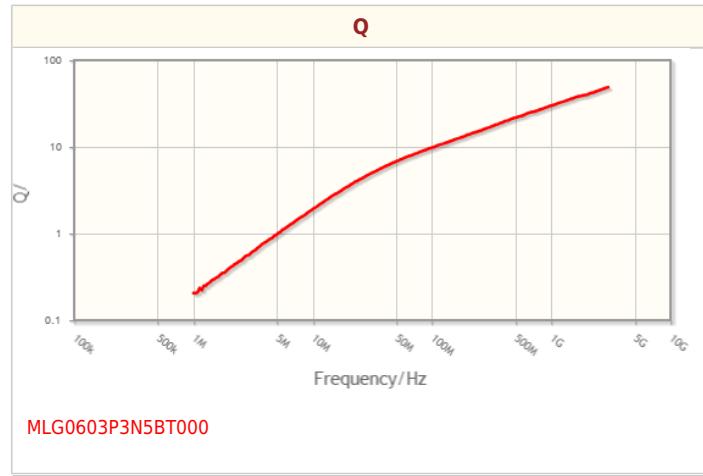
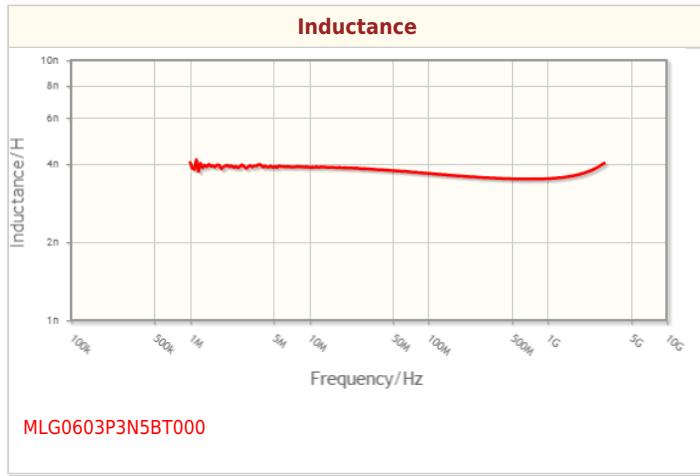
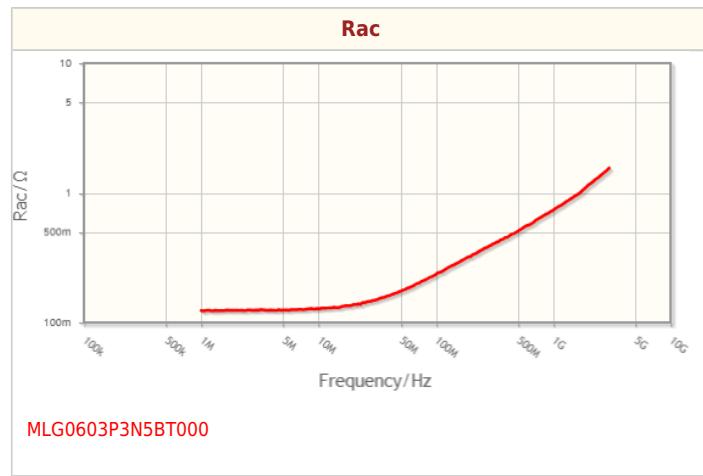
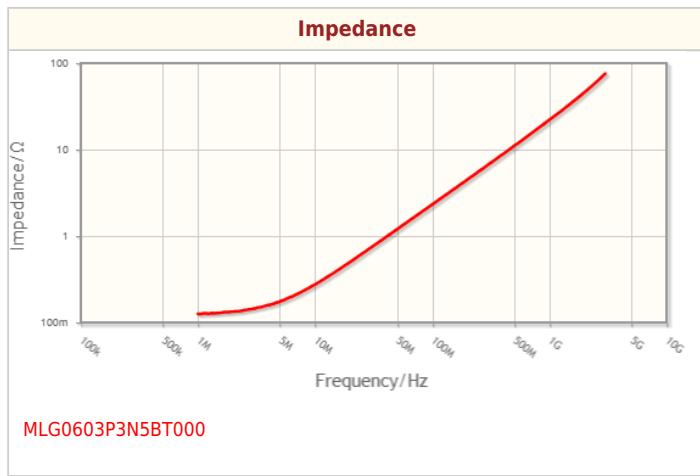
| Other | |
|-----------------------|--|
| Operating Temp. Range | -55 to 125°C |
| Soldering Method | Reflow |
| AEC-Q200 | NO |
| Packing | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity | 15000pcs |
| Weight | 0.0002g |

! Images are for reference only and show exemplary products.

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

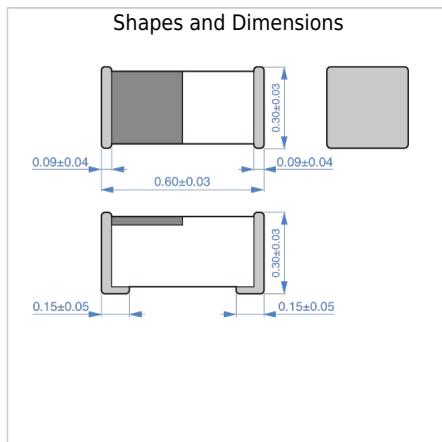
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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