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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 ± 0.03 mm |
| Width(W) | 0.30mm ± 0.03 mm |
| Thickness Height | 0.30mm ± 0.03 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 | 2.5nH ± 0.1 nH at 500MHz |
| Rated Current | 500mA |
| DC Resistance [Typ.] | 90m Ω |
| DC Resistance [Max.] | 200m Ω |
| Self Resonant Frequency [Min.] | 7.5GHz |
| Self Resonant Frequency [Typ.] | 9.9GHz |
| Q [Min.] | 14 at 500MHz |
| Q [Typ.] | 17 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 |

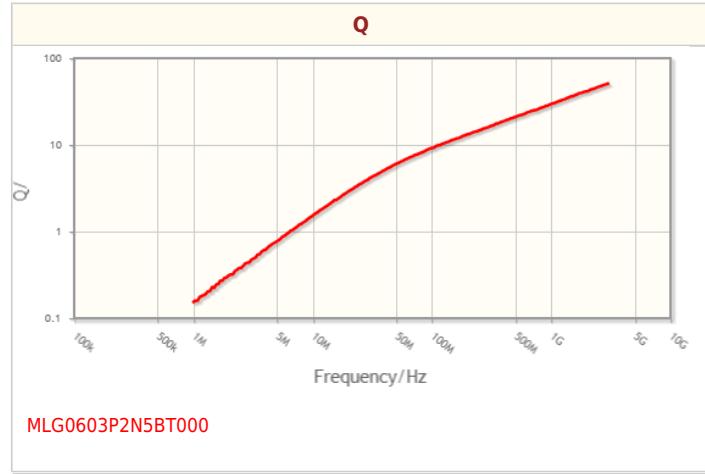
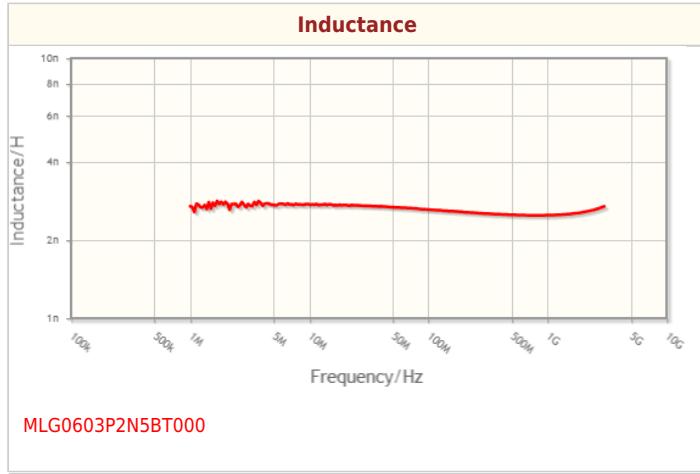
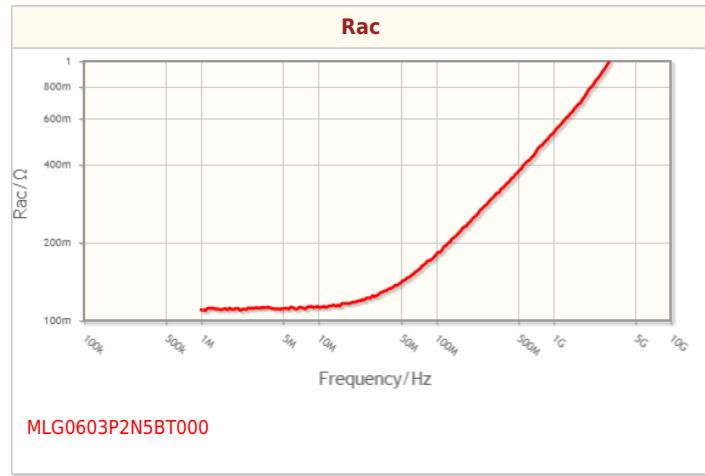
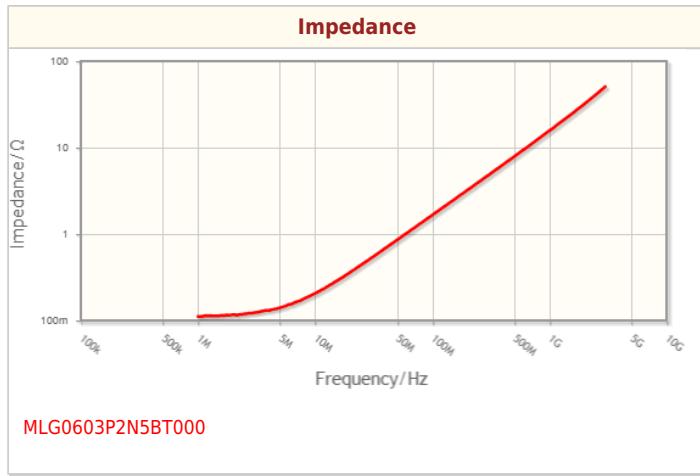
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MLG0603P2N5BT000

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

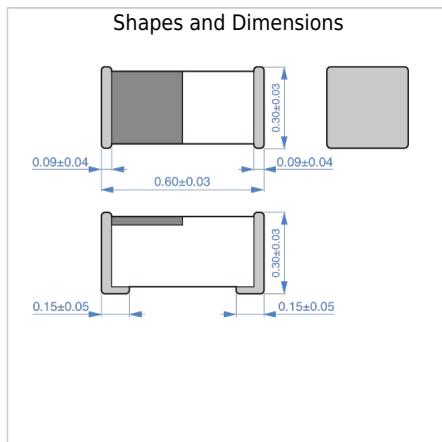


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Associated Images



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