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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-Q |
| Brand | TDK |
| Environmental Compliance |  RoHS  REACH  Halogen Free  Lead Free |



| Size | |
|------------------------------|---------------------|
| Length(L) | 0.40mm \pm 0.02mm |
| Width(W) | 0.20mm \pm 0.02mm |
| Thickness Height | 0.20mm \pm 0.02mm |
| Recommended Land Pattern (A) | 0.15mm to 0.20mm |
| Recommended Land Pattern (B) | 0.20mm Nom. |
| Recommended Land Pattern (C) | 0.18mm to 0.20mm |

| Electrical Characteristics | |
|--------------------------------|-----------------------------|
| Inductance | 0.5nH \pm 0.2nH at 100MHz |
| Rated Current | 350mA |
| DC Resistance [Typ.] | 110m Ω |
| DC Resistance [Max.] | 200m Ω |
| Self Resonant Frequency [Min.] | 10GHz |
| Self Resonant Frequency [Typ.] | 20GHz |
| Q [Min.] | |
| 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 | 20000pcs |
| Weight | 0.00007g |

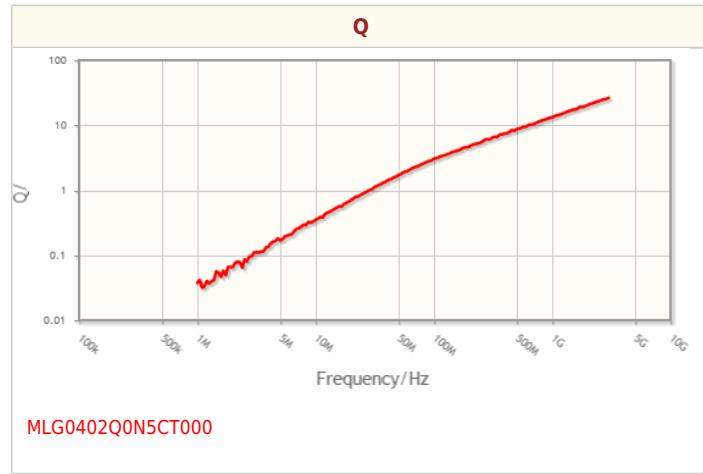
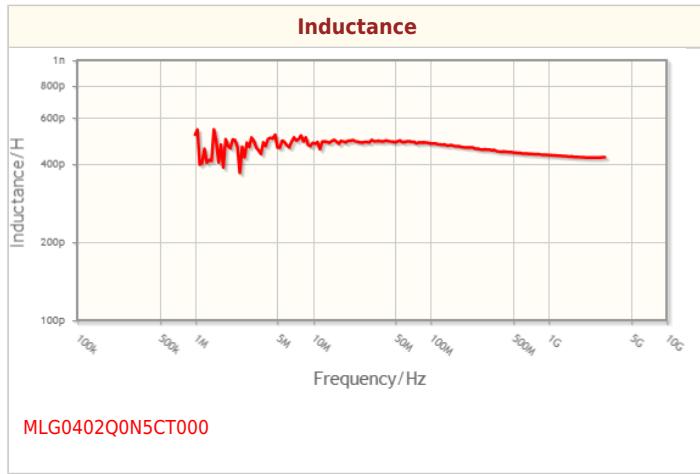
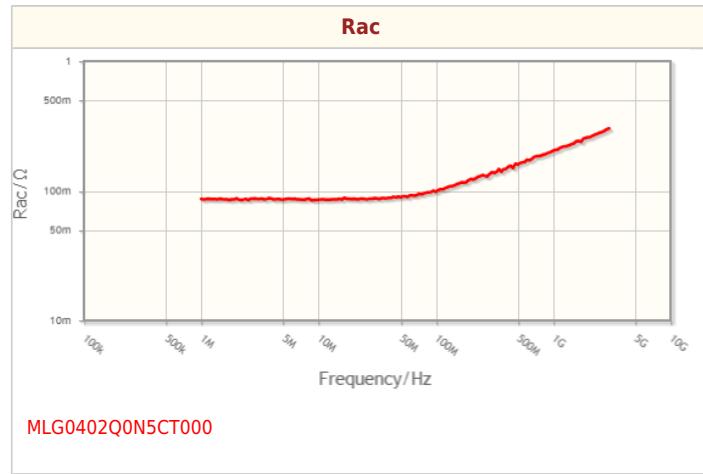
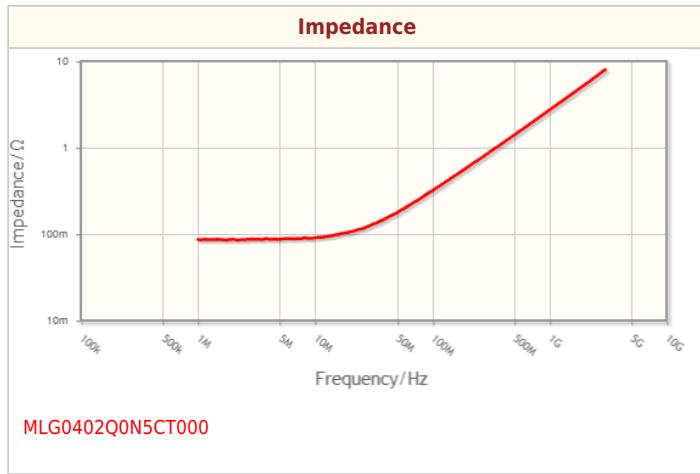
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MLG0402Q0N5CT000

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

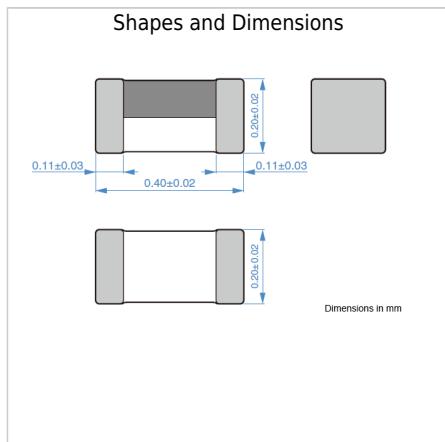


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Associated Images



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