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|--------------------------|---|
| Product Status | Production |
| Applications | Automotive Grade |
| | AEC-Q200 |
| 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 | 30nH $\pm 5\%$ at 500MHz |
| Rated Current | 130mA |
| DC Resistance [Typ.] | 1.37Ω |
| DC Resistance [Max.] | 2.2Ω |
| Self Resonant Frequency [Min.] | 1.8GHz |
| Self Resonant Frequency [Typ.] | 2.3GHz |
| Q [Min.] | 14 at 500MHz |
| Q [Typ.] | 18 at 500MHz |

| Other | |
|-----------------------|--|
| Operating Temp. Range | -55 to 125°C |
| Soldering Method | Reflow |
| AEC-Q200 | YES |
| Packing | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity | 15000pcs |
| Weight | 0.0002g |

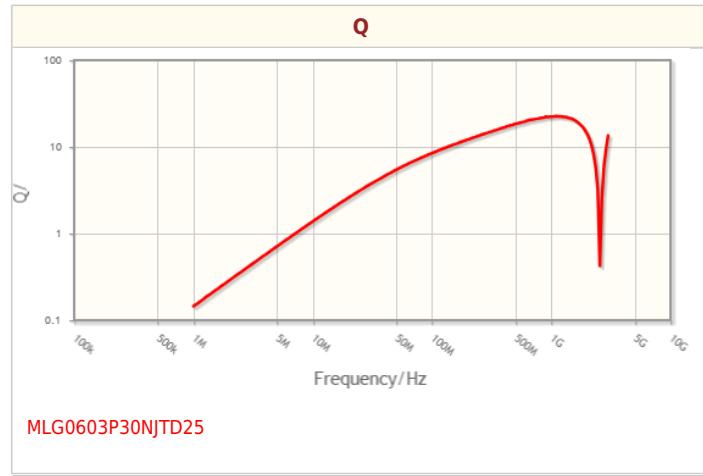
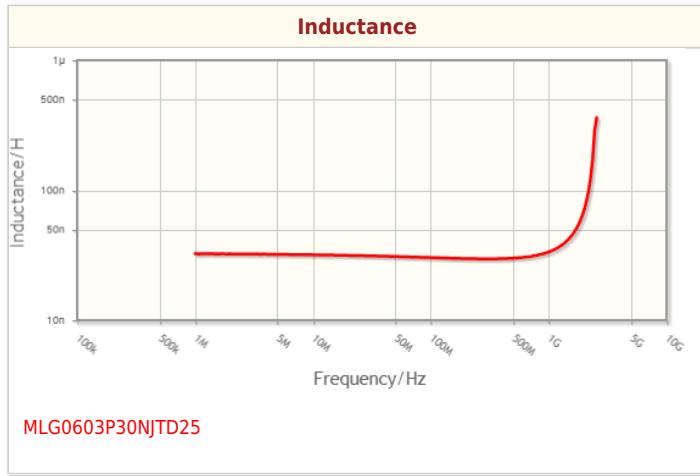
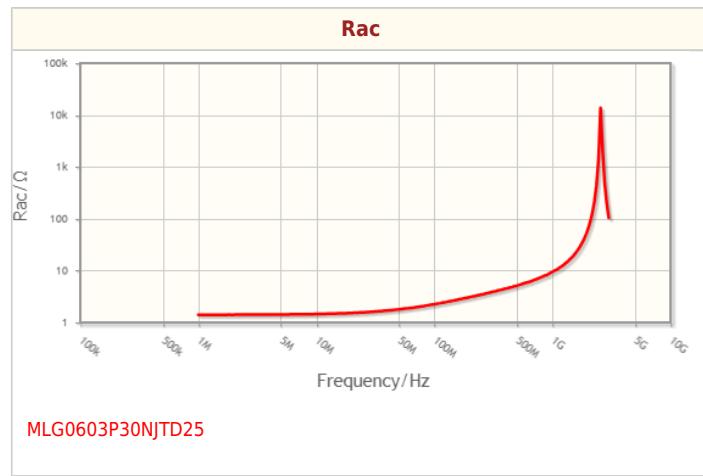
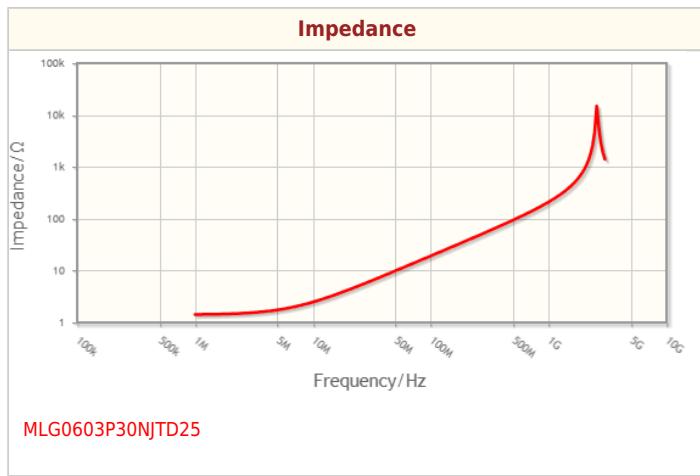
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MLG0603P30NJT25

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



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Associated Images



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