

MLG0603S3N6CTD25



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|----------------------|--|
| Applications | Automotive Grade |
| Feature | AEC-Q200 AEC-Q200 Multilayer Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) |
| Series Type | MLG |
| Status | Production |
| Brand | TDK |



| Size | |
|------------------------------|----------------|
| Length(L) | 0.60mm ±0.03mm |
| Width(W) | 0.30mm ±0.03mm |
| Thickness Height | 0.30mm ±0.03mm |
| Recommended Land Pattern (A) | 0.25mm Nom. |
| Recommended Land Pattern (B) | 0.30mm Nom. |
| Recommended Land Pattern (C) | 0.30mm Nom. |

| Electrical Characteristics | |
|--------------------------------|------------------------|
| Inductance | 3.6nH ±0.2nH at 100MHz |
| Rated Current | 300mA |
| DC Resistance [Typ.] | 220mΩ |
| DC Resistance [Max.] | 350mΩ |
| Self Resonant Frequency [Min.] | 5.5GHz |
| Self Resonant Frequency [Typ.] | 6.9GHz |
| Q [Min.] | 4 at 100MHz |
| Q [Typ.] | |

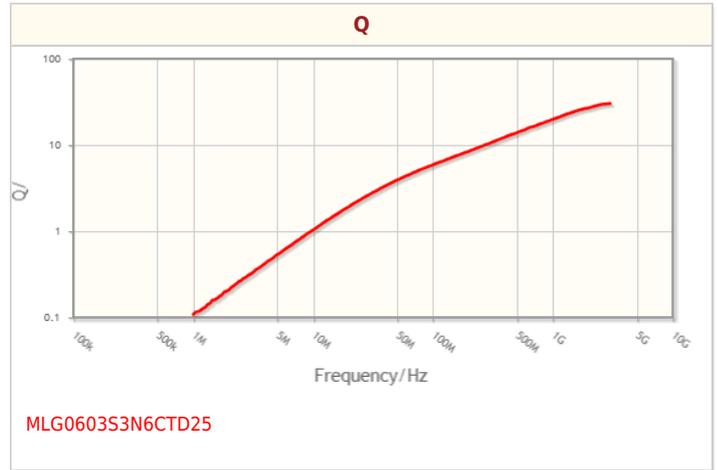
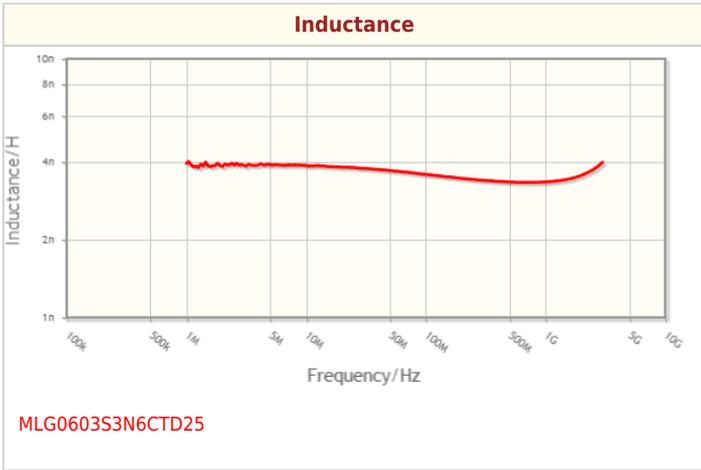
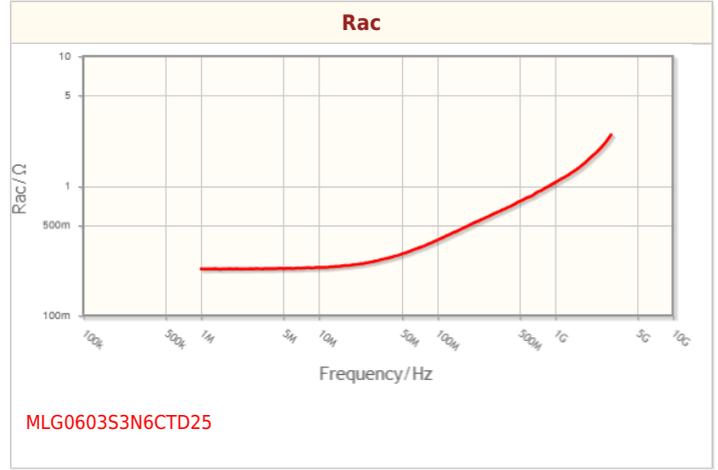
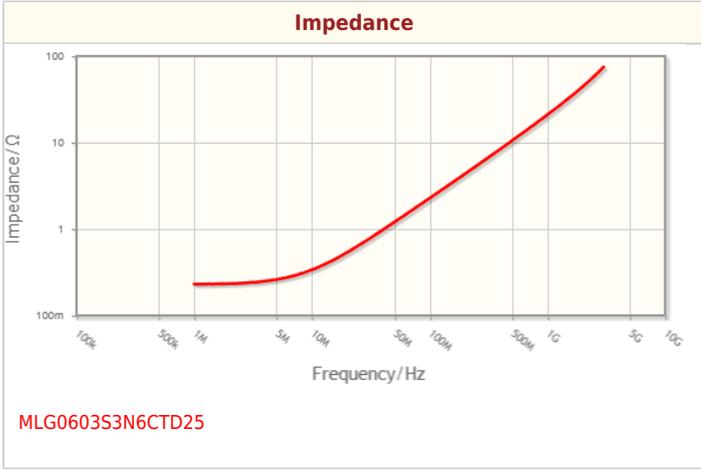
| Other | |
|-----------------------|--|
| Operating Temp. Range | -55 to 125°C |
| Soldering Method | Reflow Iron Soldering |
| AEC-Q200 | YES |
| Packing | Punched (Paper)Taping [180mm Reel, Tape width 8mm] |
| Package Quantity | 15000pcs |
| Weight | 0.0002g |

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! All specifications are subject to change without notice.

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

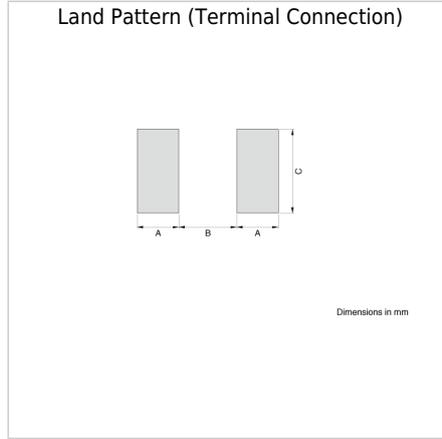
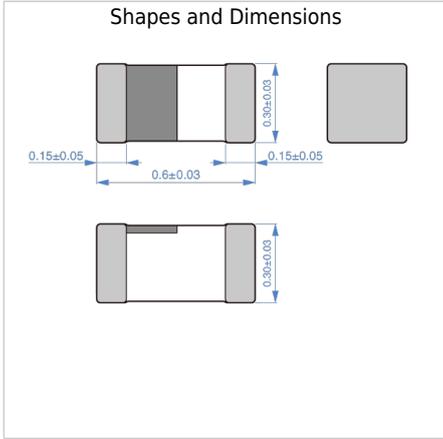


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Associated Images



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