

MLG0603P3N1CTD25

**Applications**

Automotive Grade

AEC-Q200

AEC-Q200

Feature

Multilayer

Multilayer

Non-Mag Core

Non-Magnetic Core (Dielectric Ceramic)

High Q

High Q

Series | Type

MLG-P

Status

Production

Brand

TDK

**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 | 3.1nH ± 0.2 nH at 500MHz |
| Rated Current | 450mA |
| DC Resistance [Typ.] | 100m Ω |
| DC Resistance [Max.] | 200m Ω |
| Self Resonant Frequency [Min.] | 7.5GHz |
| Self Resonant Frequency [Typ.] | 8.8GHz |
| Q [Min.] | 14 at 500MHz |
| Q [Typ.] | 17 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 |

! Images are for reference only and show exemplary products.

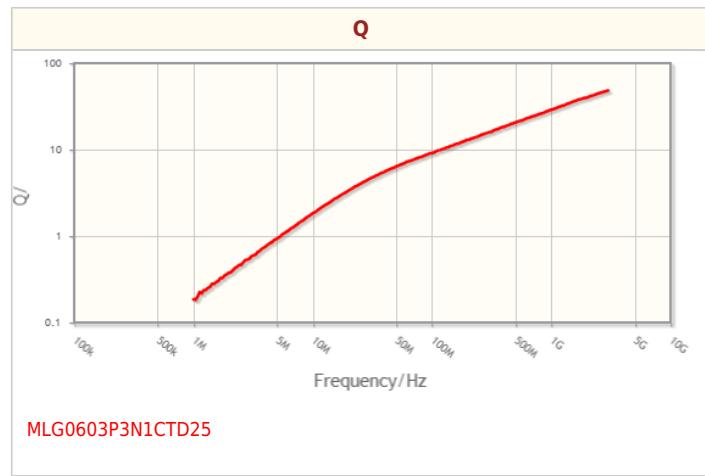
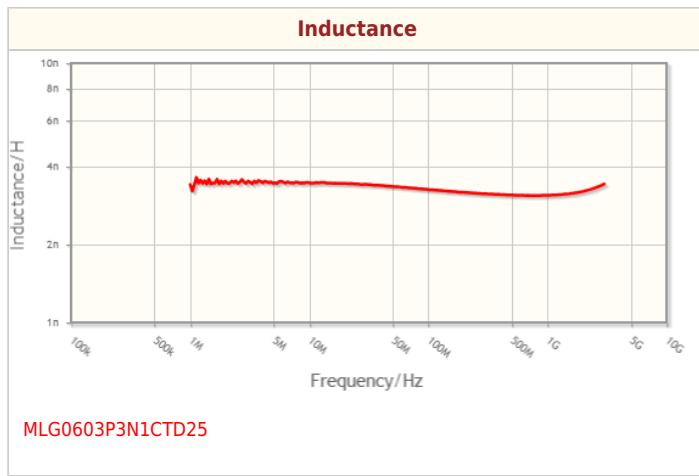
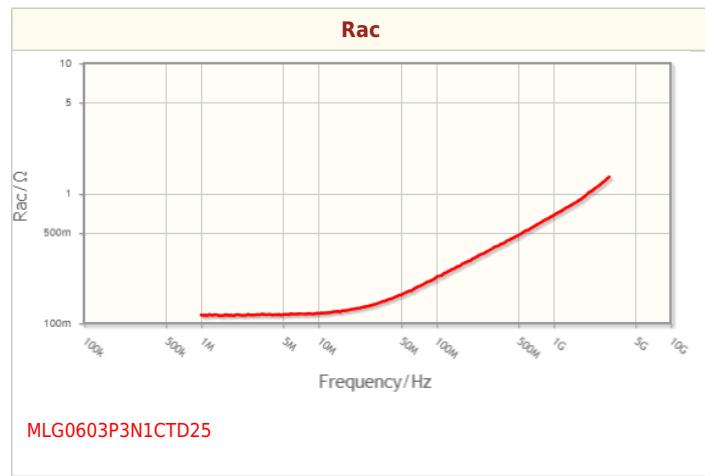
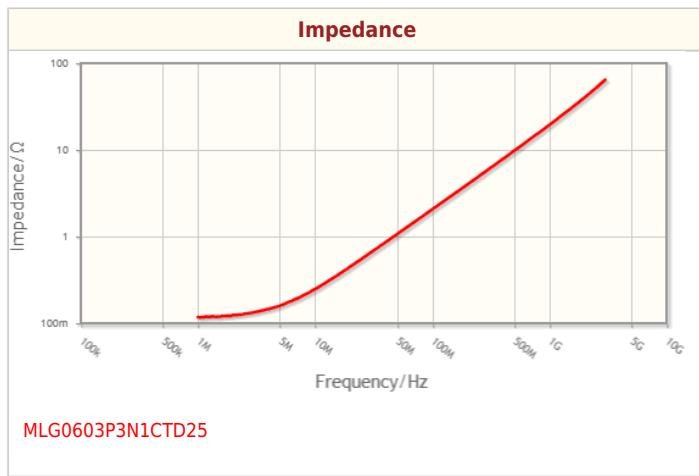
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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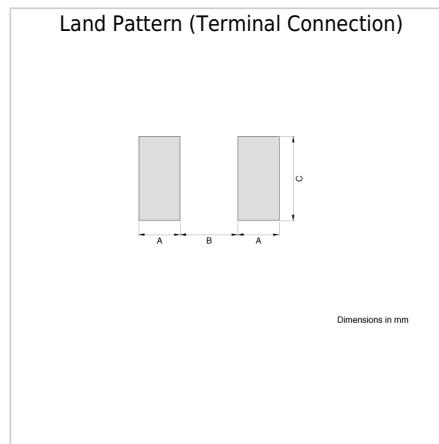
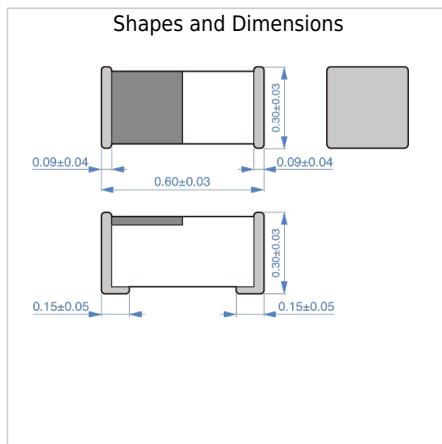
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Associated Images



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