

MLG0603P2N4CTD25

**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 $\pm 0.03$ mm |
| Width(W)                     | 0.30mm $\pm 0.03$ mm |
| Thickness   Height           | 0.30mm $\pm 0.03$ 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                     | 2.4nH $\pm 0.2$ nH at 500MHz |
| Rated Current                  | 500mA                        |
| DC Resistance [Typ.]           | 120m $\Omega$                |
| DC Resistance [Max.]           | 200m $\Omega$                |
| Self Resonant Frequency [Min.] | 7.5GHz                       |
| Self Resonant Frequency [Typ.] | 10.9GHz                      |
| Q [Min.]                       | 14 at 500MHz                 |
| Q [Typ.]                       | 16 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.

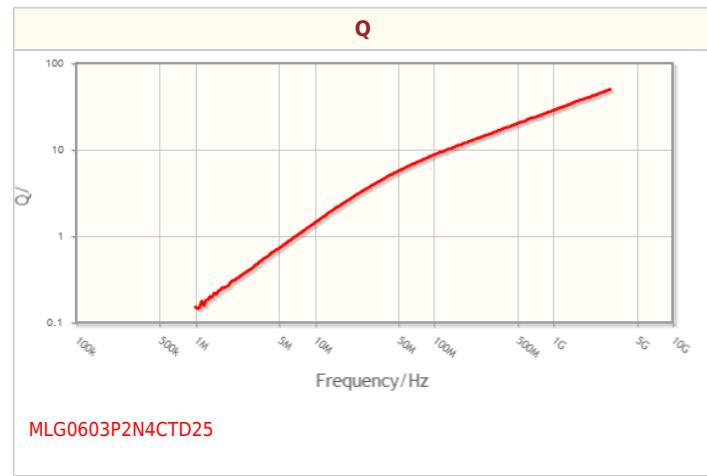
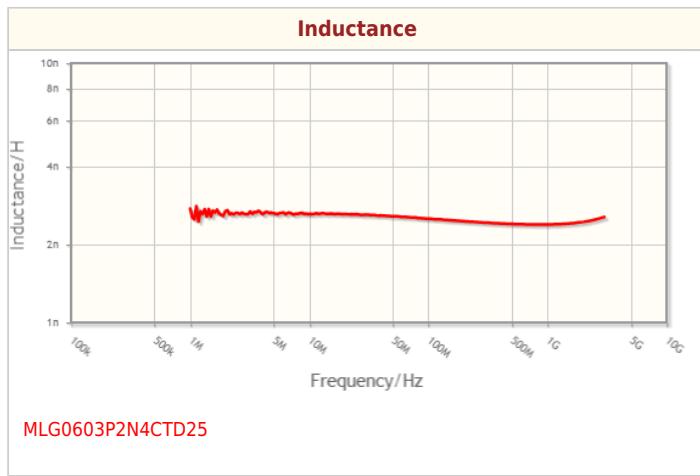
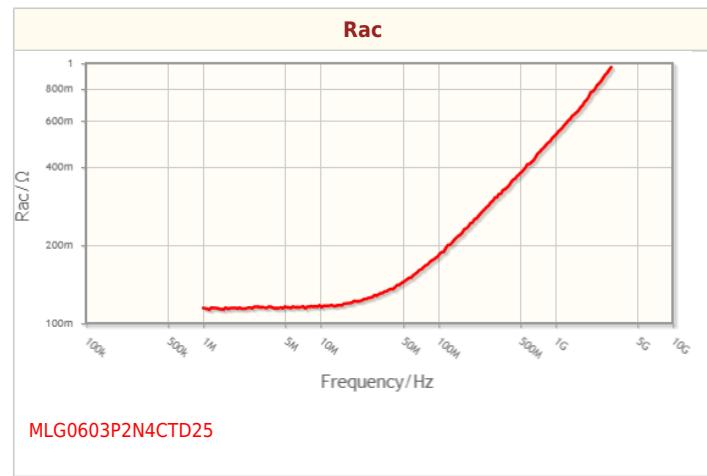
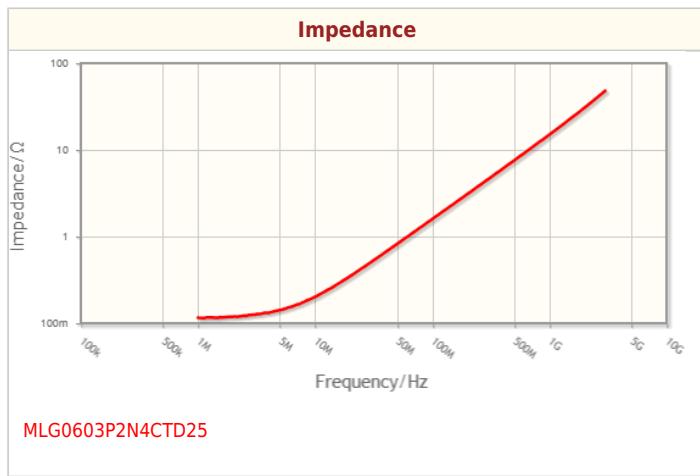
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## Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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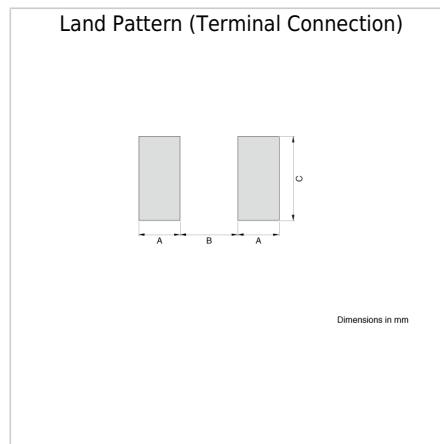
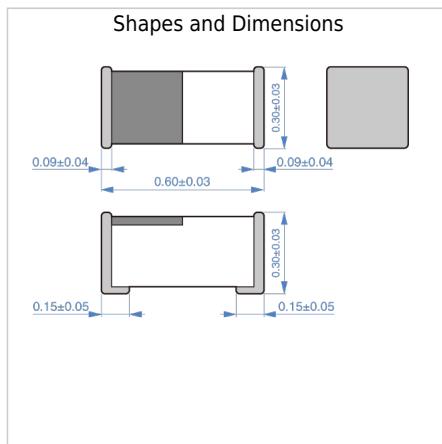
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## Associated Images



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