

MLG0603P33NHTD25

**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	33nH $\pm 3\%$ at 300MHz
Rated Current	130mA
DC Resistance [Typ.]	1.55Ω
DC Resistance [Max.]	2.2Ω
Self Resonant Frequency [Min.]	1.8GHz
Self Resonant Frequency [Typ.]	2.4GHz
Q [Min.]	10 at 300MHz
Q [Typ.]	13 at 300MHz

**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.

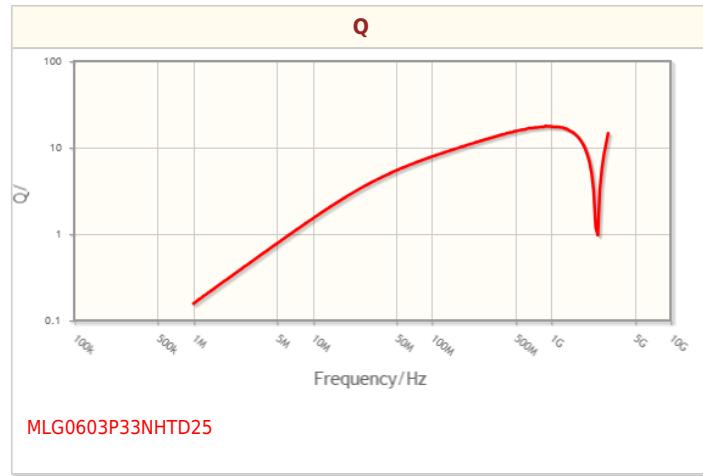
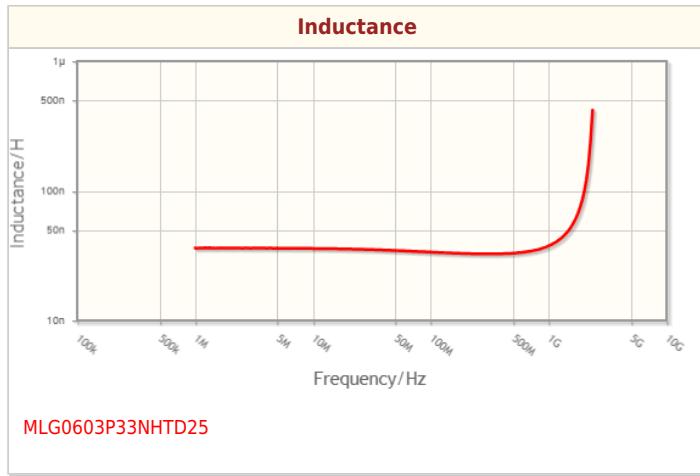
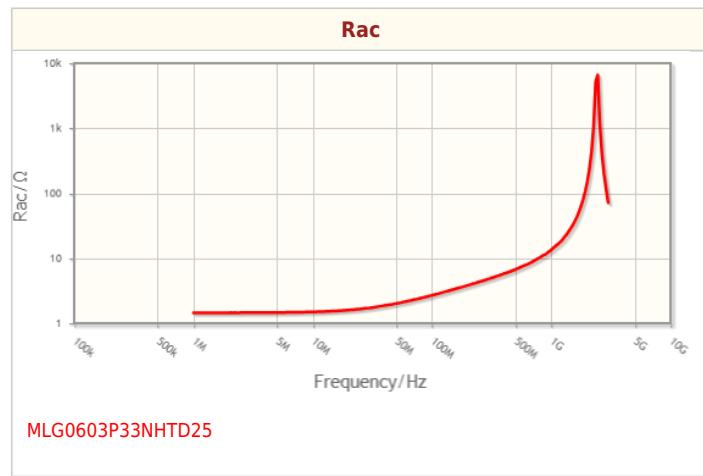
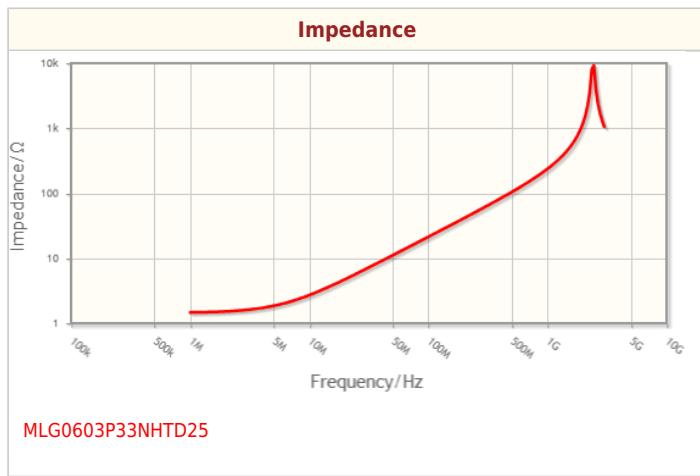
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## Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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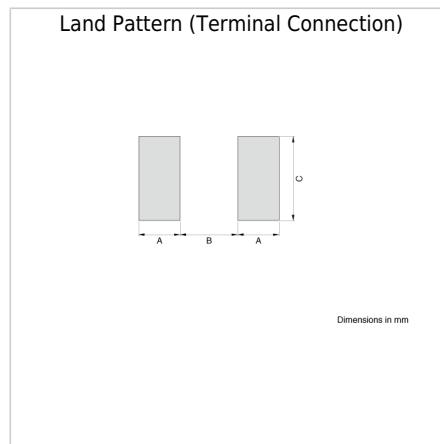
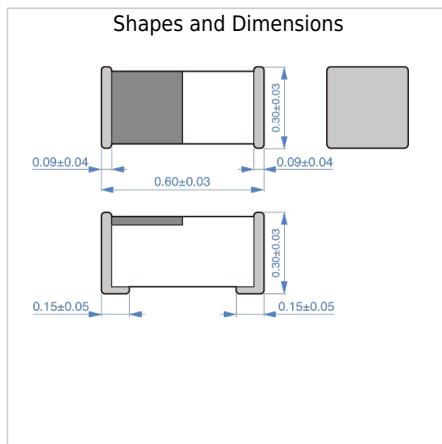
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## Associated Images



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