

MLG0603P1N6BT25

**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	1.6nH ± 0.1 nH at 500MHz
Rated Current	700mA
DC Resistance [Typ.]	30m Ω
DC Resistance [Max.]	100m Ω
Self Resonant Frequency [Min.]	10GHz
Self Resonant Frequency [Typ.]	13.4GHz
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.

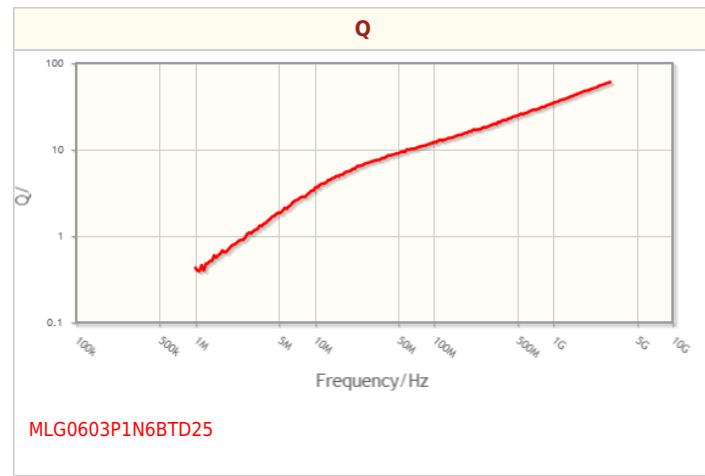
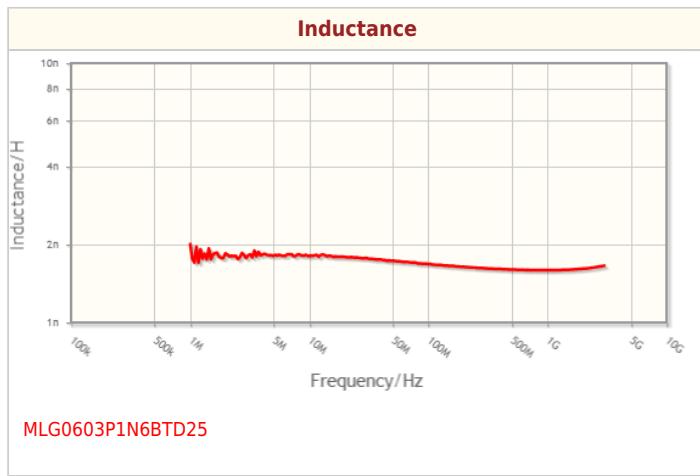
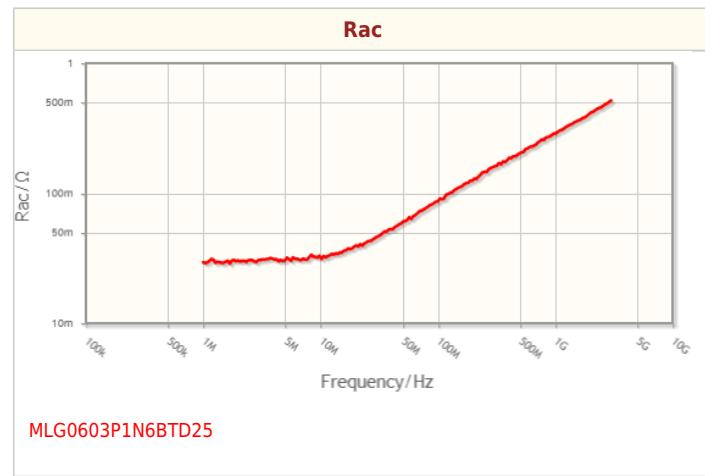
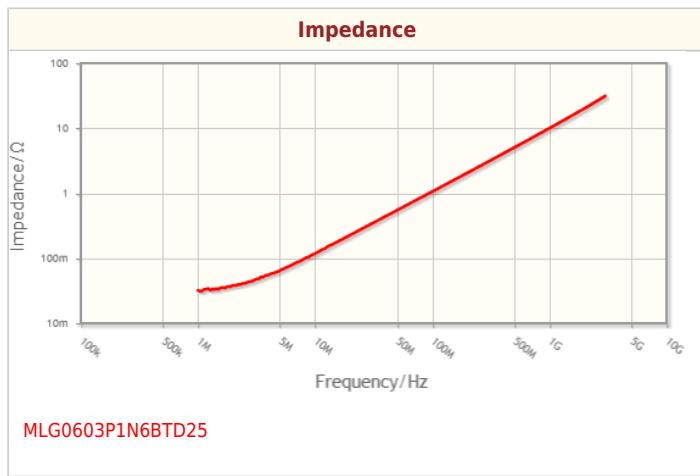
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

MLG0603P1N6BTD25



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



! Images are for reference only and show exemplary products.

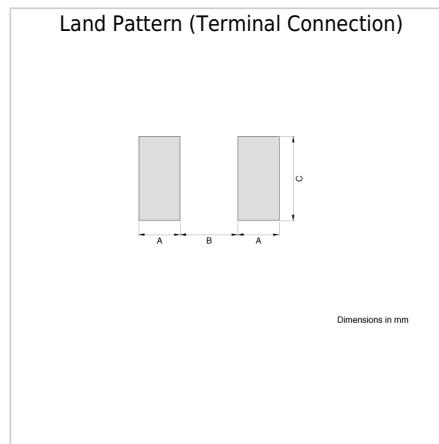
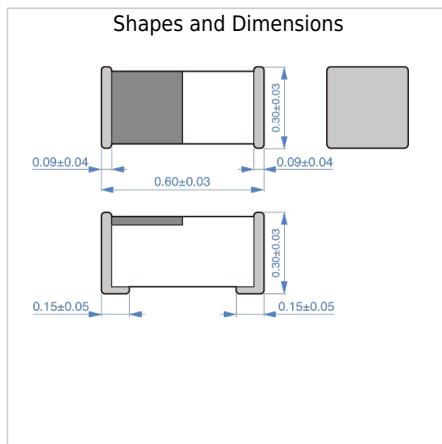
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

MLG0603P1N6BTD25



Associated Images



! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.