

MLG0603P1N1BT000

**Applications**

Commercial Grade

**Multilayer** Multilayer**Feature****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 $\pm$ 0.03mm
Width(W)	0.30mm $\pm$ 0.03mm
Thickness   Height	0.30mm $\pm$ 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	1.1nH $\pm$ 0.1nH at 500MHz
Rated Current	1A
DC Resistance [Typ.]	30m $\Omega$
DC Resistance [Max.]	70m $\Omega$
Self Resonant Frequency [Min.]	10GHz
Self Resonant Frequency [Typ.]	19.9GHz
Q [Min.]	14 at 500MHz
Q [Typ.]	17 at 500MHz

**Other**

Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	15000pcs
Weight	0.0002g

! Images are for reference only and show exemplary products.

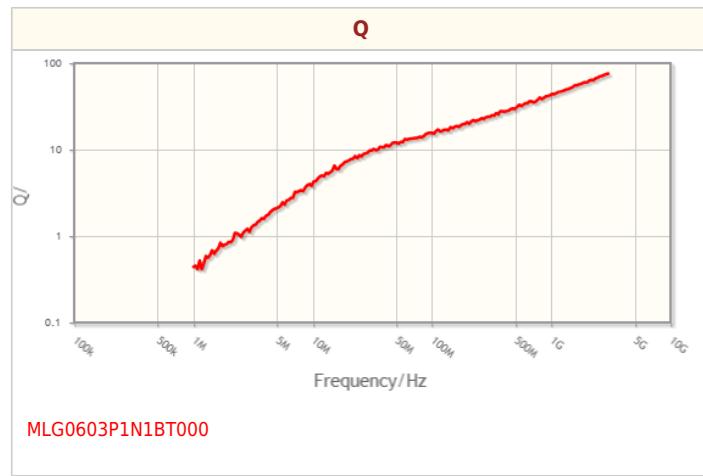
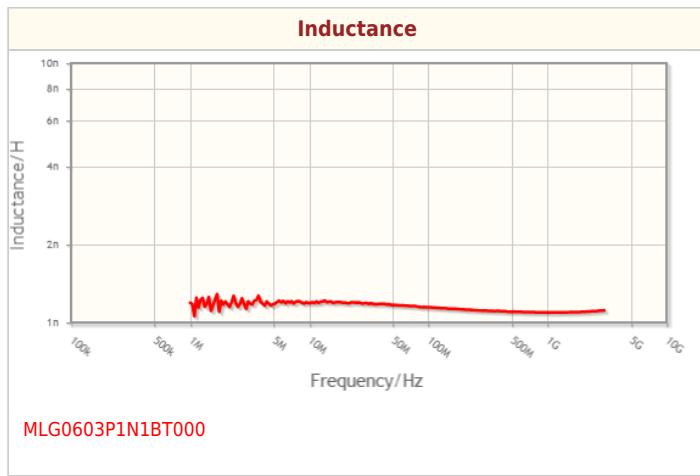
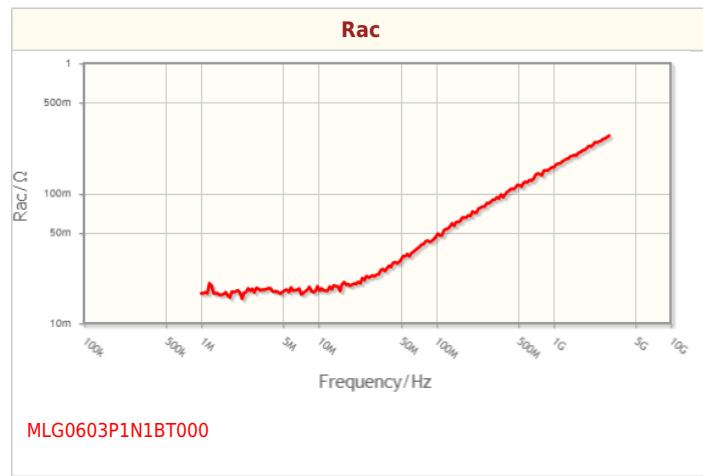
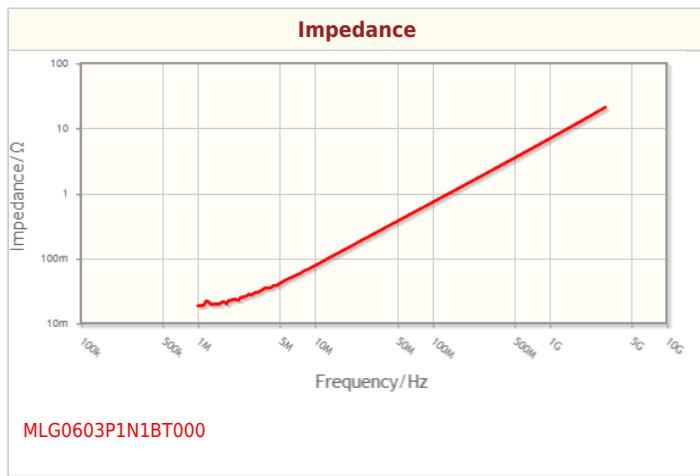
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

MLG0603P1N1BT000



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

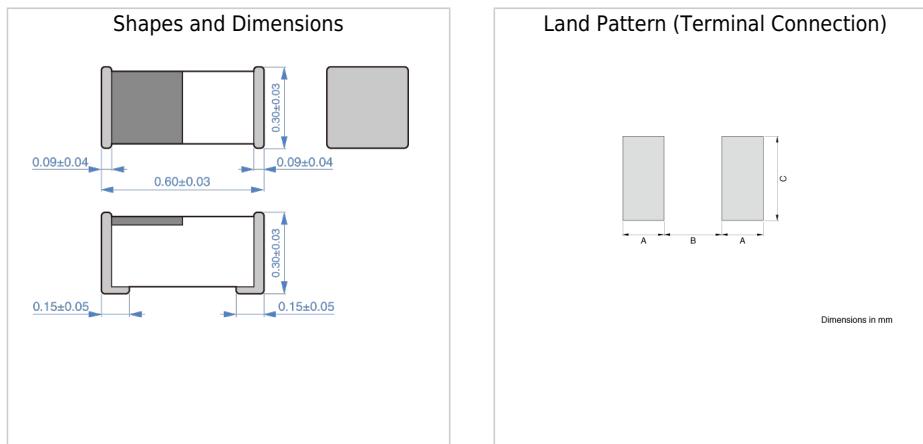


! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

MLG0603P1N1BT000



## 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.