

**Applications**



Commercial Grade

**Feature**



Multilayer



Non-Magnetic Core (Dielectric Ceramic)



High Q

**Series | Type**

MLG-P

**Status**



Production

**Brand**

TDK



**Size**

Length(L)	0.60mm ±0.03mm
Width(W)	0.30mm ±0.03mm
Thickness   Height	0.30mm ±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**

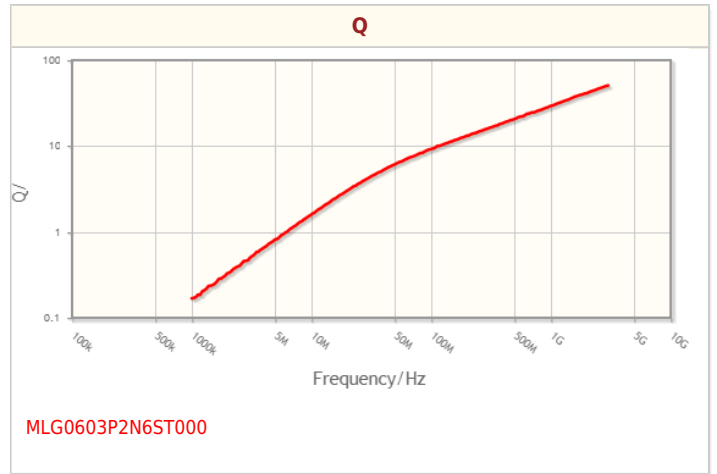
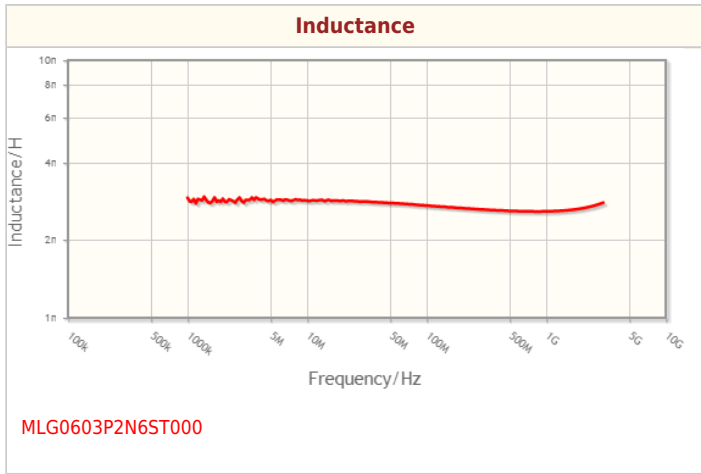
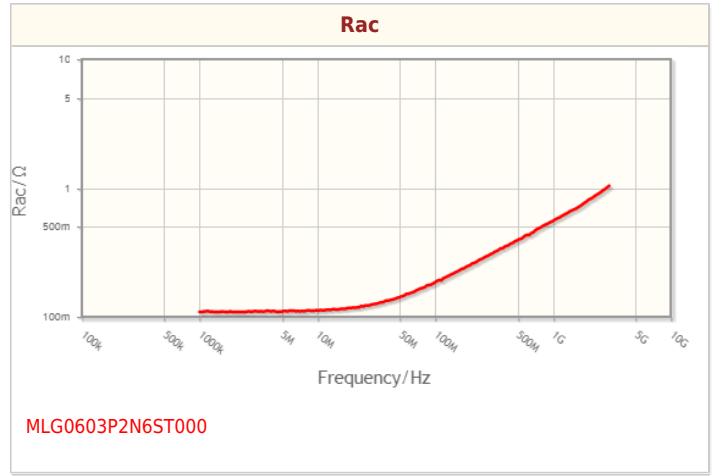
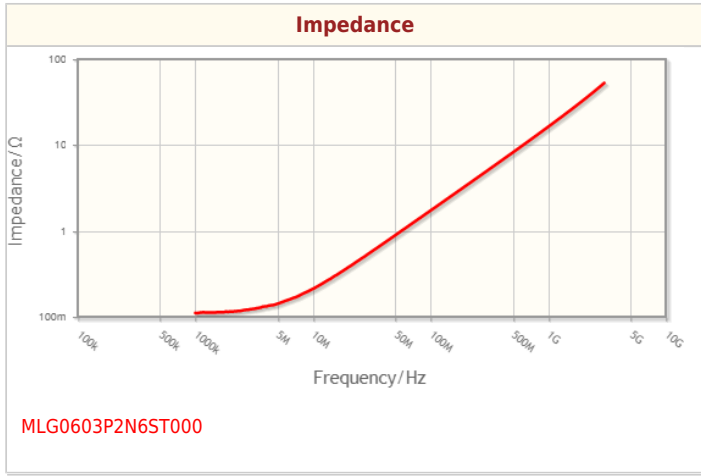
Inductance	2.6nH ±0.3nH at 500MHz
Rated Current	500mA
DC Resistance [Typ.]	140mΩ
DC Resistance [Max.]	200mΩ
Self Resonant Frequency [Min.]	7.5GHz
Self Resonant Frequency [Typ.]	10.1GHz
Q [Min.]	14 at 500MHz
Q [Typ.]	17 at 500MHz

**Other**

Operating Temp. Range (Including Self-Temp. Rise)	-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.  
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! All specifications are subject to change without notice.

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



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## Associated Images

