

MLG0603P9N1HT000

**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	9.1nH \pm 3% at 500MHz
Rated Current	250mA
DC Resistance [Typ.]	760m Ω
DC Resistance [Max.]	900m Ω
Self Resonant Frequency [Min.]	4GHz
Self Resonant Frequency [Typ.]	5GHz
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.

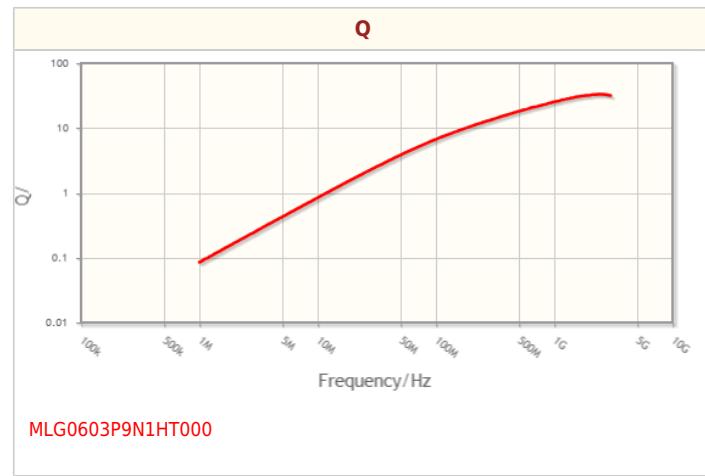
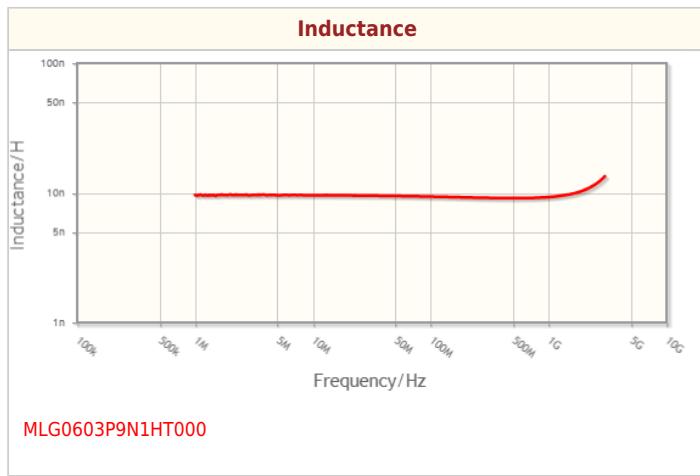
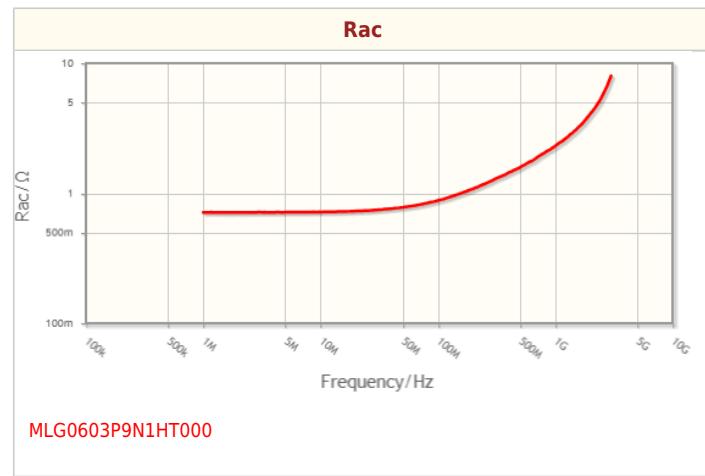
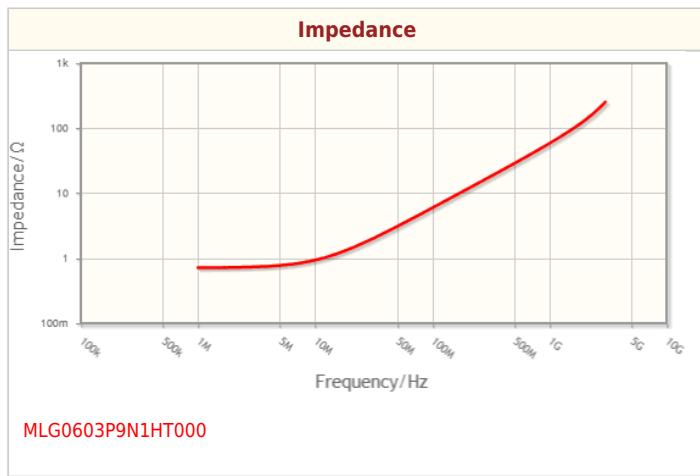
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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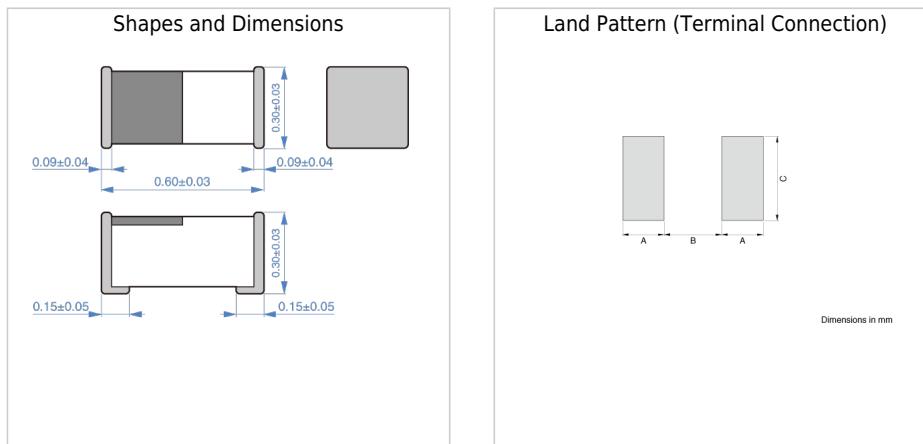
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Associated Images



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