

Product Status	Production
Applications	Commercial Grade
Feature	Multilayer Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic)
Series   Type	MLG
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Pb Free



### 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	1.6nH ±0.3nH at 100MHz
Rated Current	500mA
DC Resistance [Typ.]	90mΩ
DC Resistance [Max.]	200mΩ
Self Resonant Frequency [Min.]	9GHz
Self Resonant Frequency [Typ.]	11.5GHz
Q [Min.]	4 at 100MHz
Q [Typ.]	

### Other

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

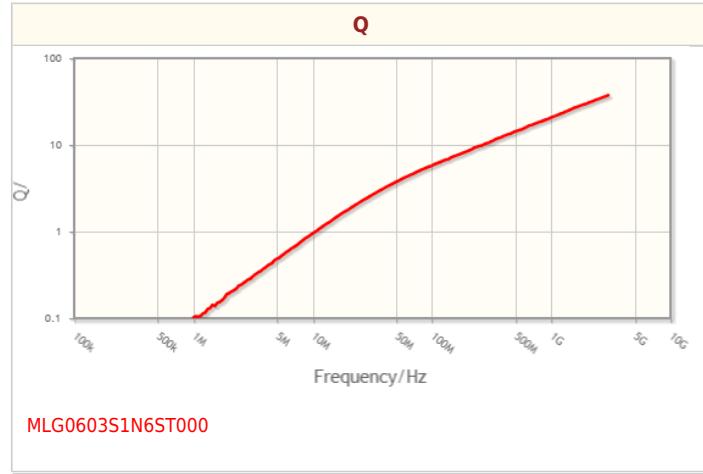
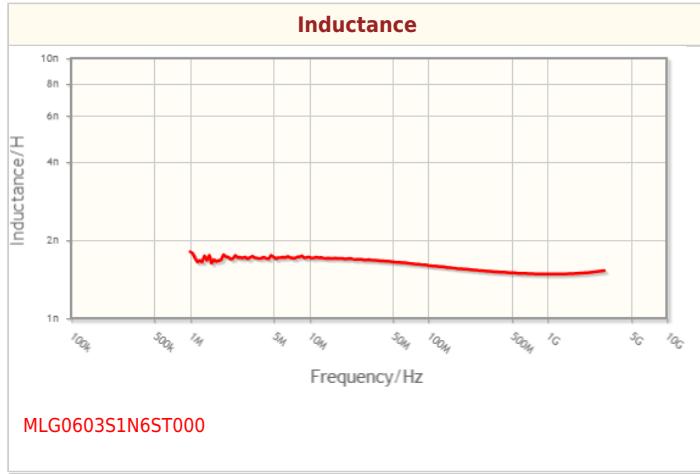
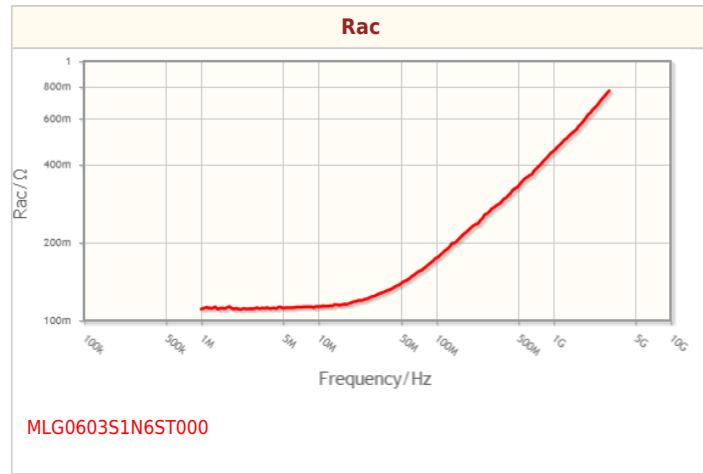
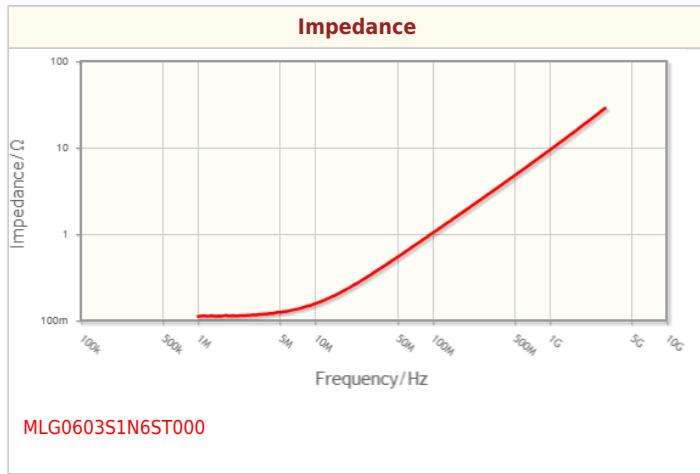
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MLG0603S1N6ST000

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

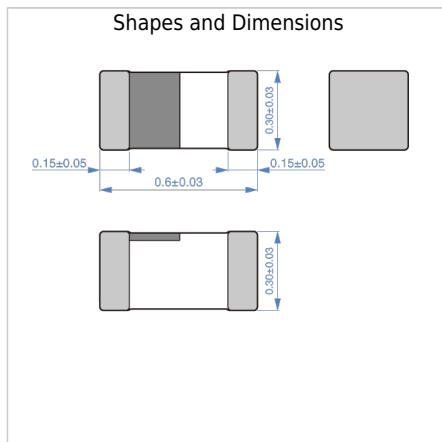


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