

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



Size	
Length(L)	0.60mm $\pm 0.03\text{mm}$
Width(W)	0.30mm $\pm 0.03\text{mm}$
Thickness   Height	0.30mm $\pm 0.03\text{mm}$
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

Electrical Characteristics	
Inductance	3.5nH $\pm 0.3\text{nH}$ at 500MHz
Rated Current	450mA
DC Resistance [Typ.]	120m $\Omega$
DC Resistance [Max.]	200m $\Omega$
Self Resonant Frequency [Min.]	6.5GHz
Self Resonant Frequency [Typ.]	8GHz
Q [Min.]	14 at 500MHz
Q [Typ.]	18 at 500MHz

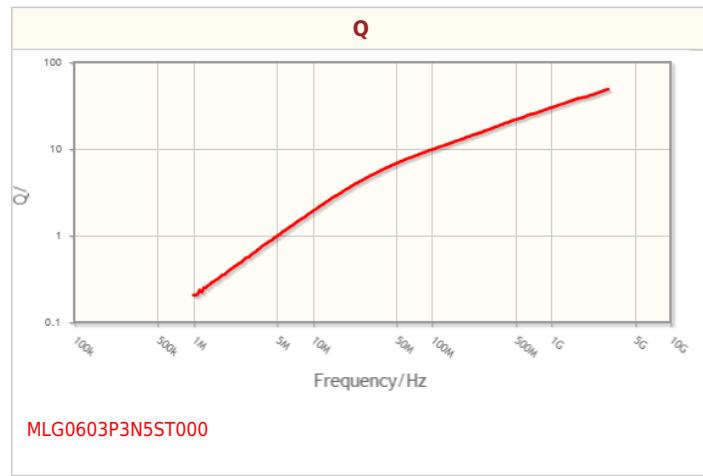
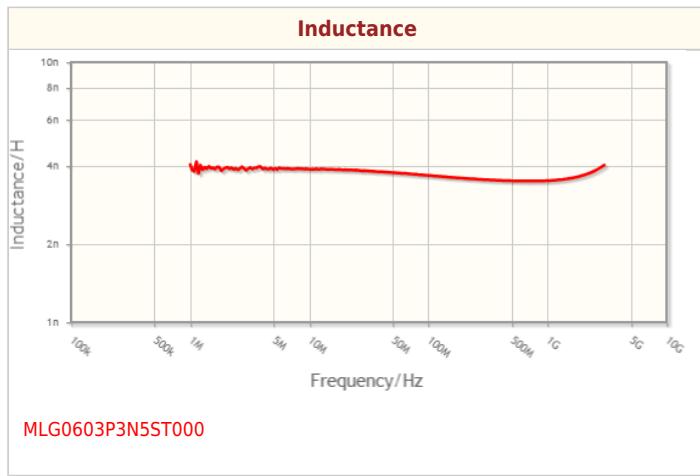
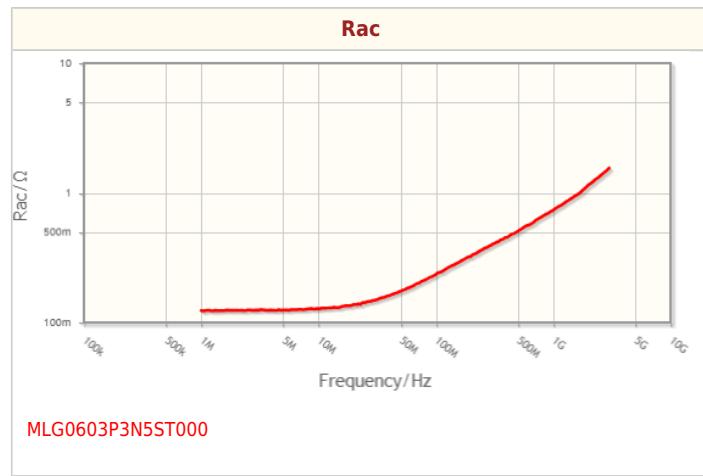
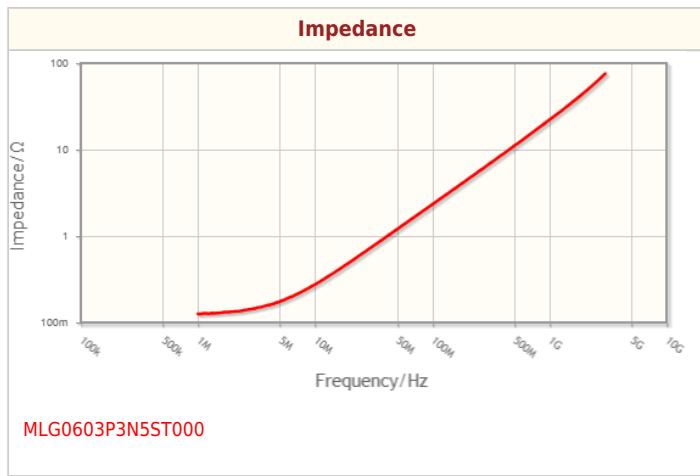
Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	15000pcs
Weight	0.0002g

! Images are for reference only and show exemplary products.

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! 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



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