

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	3.8nH $\pm 0.2\text{nH}$ at 500MHz
Rated Current	400mA
DC Resistance [Typ.]	240m $\Omega$
DC Resistance [Max.]	300m $\Omega$
Self Resonant Frequency [Min.]	5.8GHz
Self Resonant Frequency [Typ.]	7GHz
Q [Min.]	14 at 500MHz
Q [Typ.]	17 at 500MHz

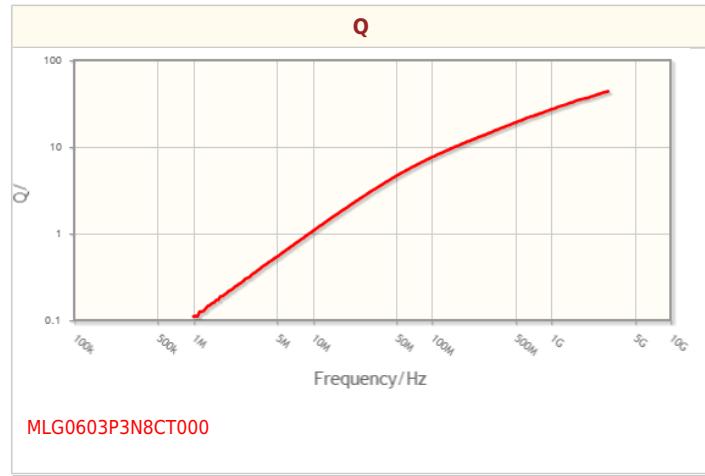
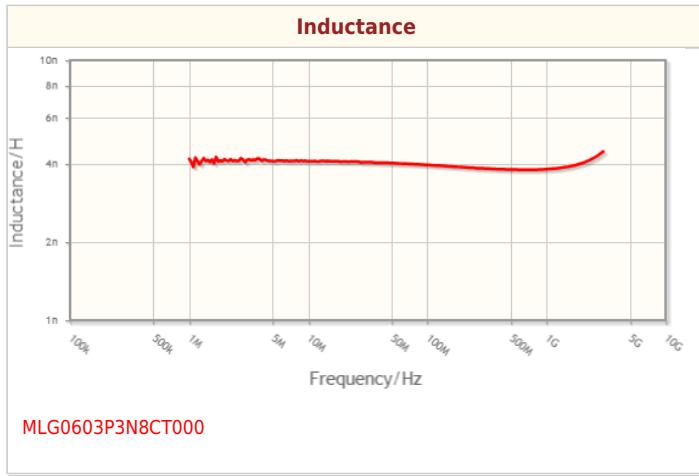
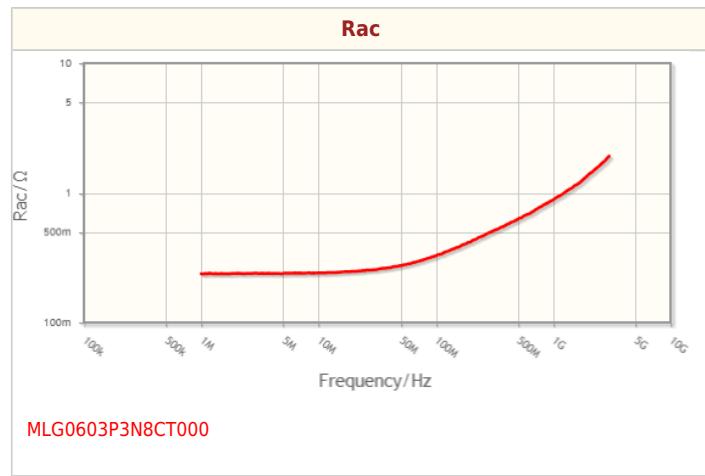
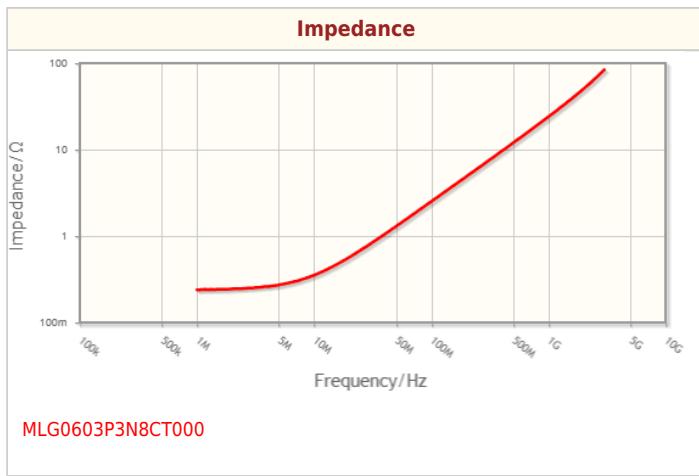
Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	15000pcs
Weight	0.0002g

! 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.

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

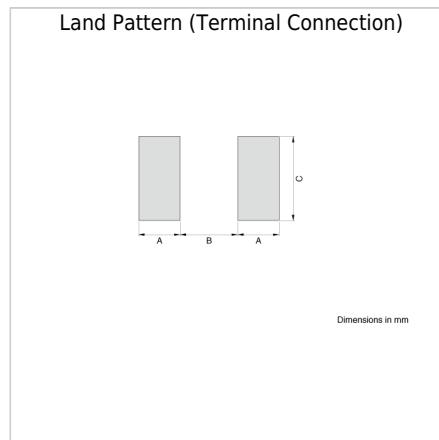
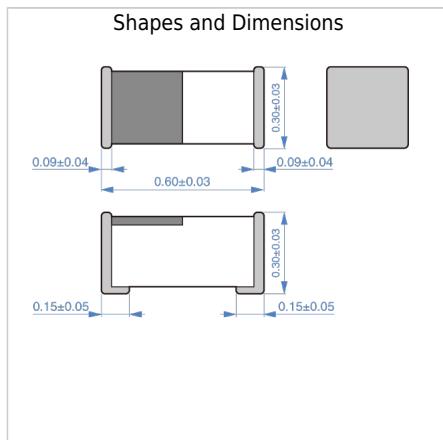


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## Associated Images



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