

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  Lead 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

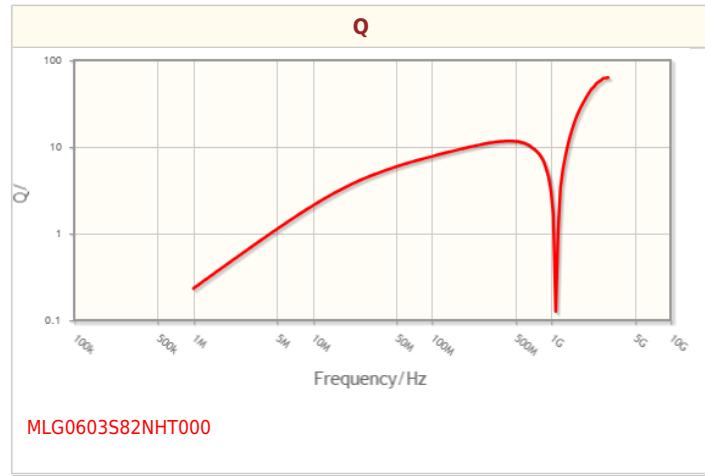
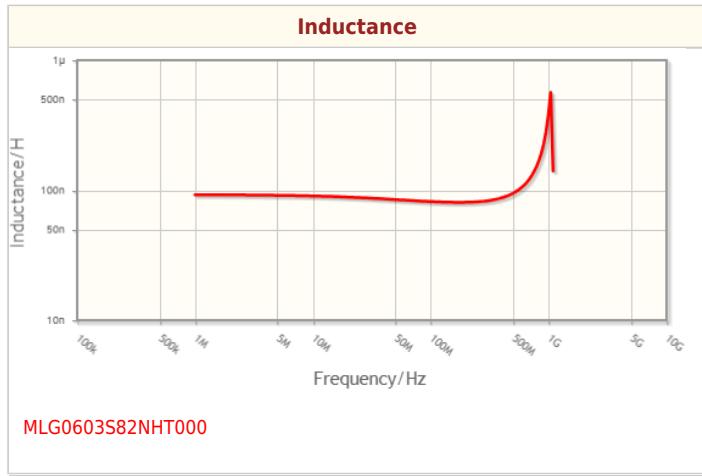
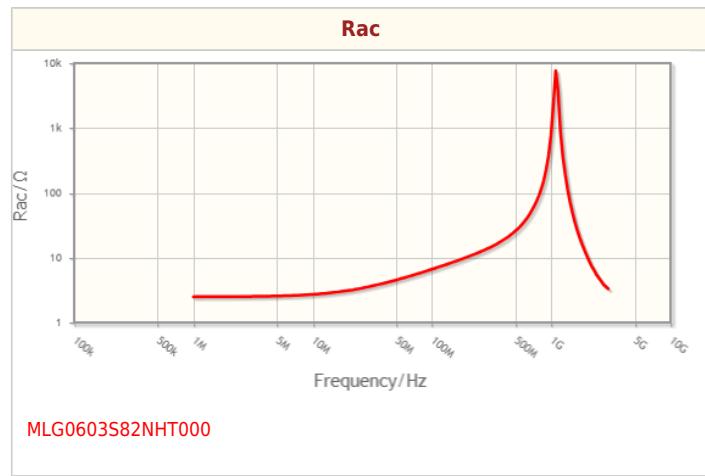
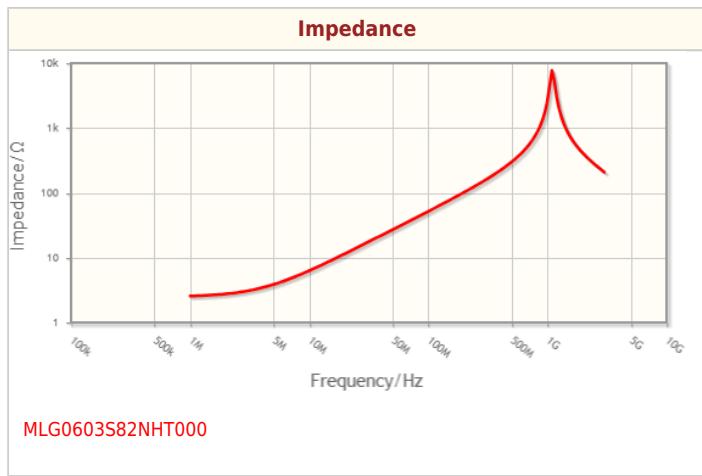
Inductance	82nH ±3% at 100MHz
Rated Current	50mA
DC Resistance [Typ.]	2.8Ω
DC Resistance [Max.]	4Ω
Self Resonant Frequency [Min.]	900MHz
Self Resonant Frequency [Typ.]	1.08GHz
Q [Min.]	5 at 100MHz
Q [Typ.]	

### 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

! 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.)

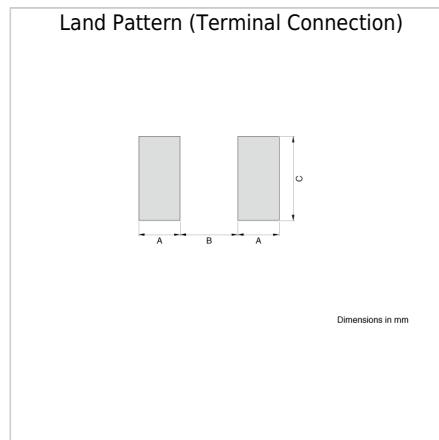
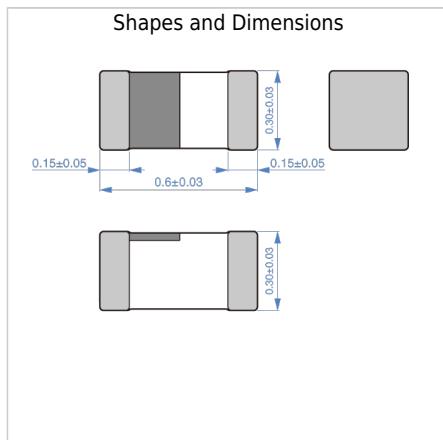


! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

## Associated Images



! 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.