

MLG0603S51NHT000



Applications	Commercial Grade
Feature	Multilayer Non-Magnetic Core (Dielectric Ceramic)
Series Type	MLG
Status	Production
Brand	TDK



Size	
Length(L)	0.60mm ± 0.03 mm
Width(W)	0.30mm ± 0.03 mm
Thickness Height	0.30mm ± 0.03 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	51nH $\pm 3\%$ at 100MHz
Rated Current	50mA
DC Resistance [Typ.]	1.98 Ω
DC Resistance [Max.]	2.8 Ω
Self Resonant Frequency [Min.]	1.2GHz
Self Resonant Frequency [Typ.]	1.5GHz
Q [Min.]	5 at 100MHz
Q [Typ.]	

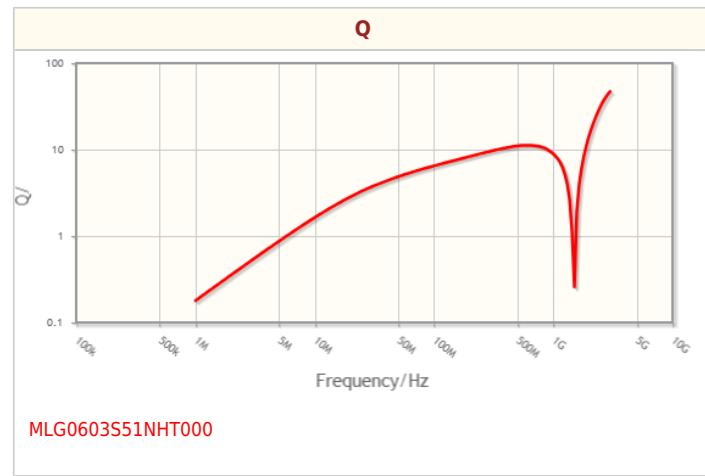
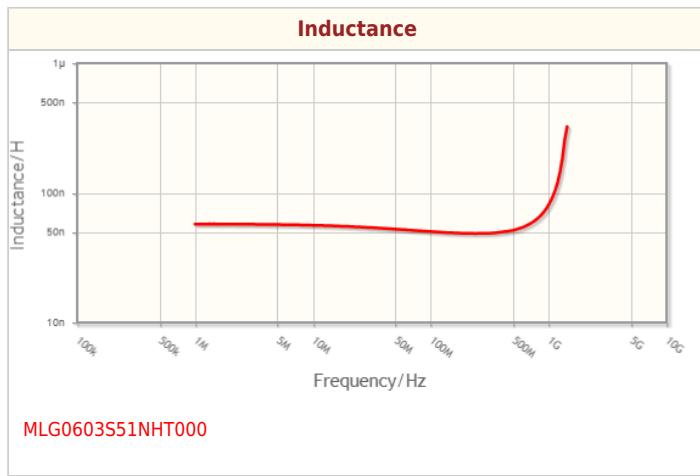
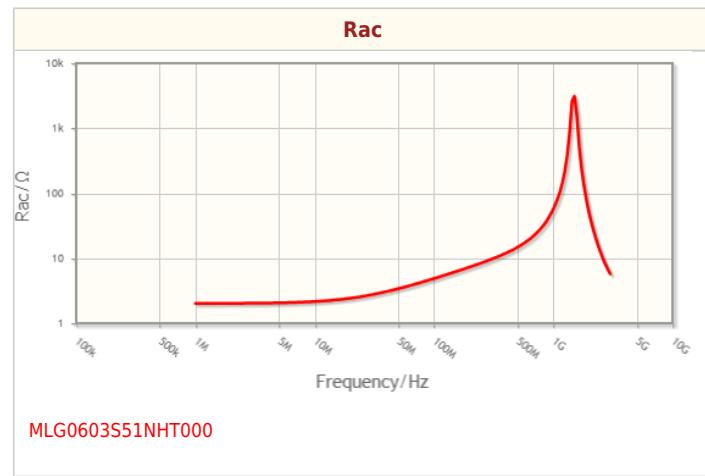
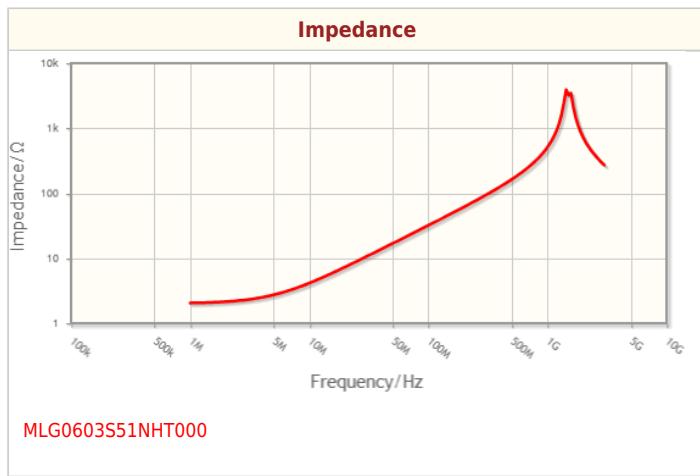
Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	15000pcs
Weight	0.0002g

! 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.

MLG0603S51NHT000



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



! Images are for reference only and show exemplary products.

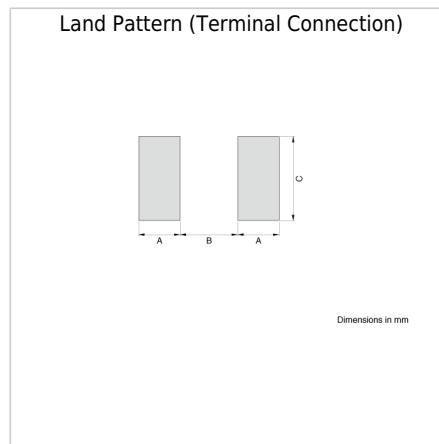
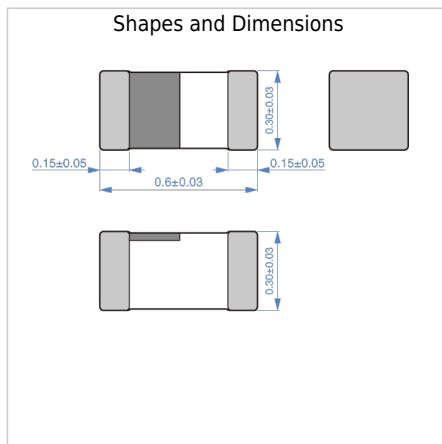
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

MLG0603S51NHT000



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.