

Product Status	Production
Applications	Automotive Grade
	AEC-Q200
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 $\pm$ 0.03mm
Width(W)	0.30mm $\pm$ 0.03mm
Thickness   Height	0.30mm $\pm$ 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	1nH $\pm$ 0.2nH at 100MHz
Rated Current	600mA
DC Resistance [Typ.]	40m $\Omega$
DC Resistance [Max.]	100m $\Omega$
Self Resonant Frequency [Min.]	10GHz
Self Resonant Frequency [Typ.]	14.4GHz
Q [Min.]	4 at 100MHz
Q [Typ.]	

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	15000pcs
Weight	0.0002g

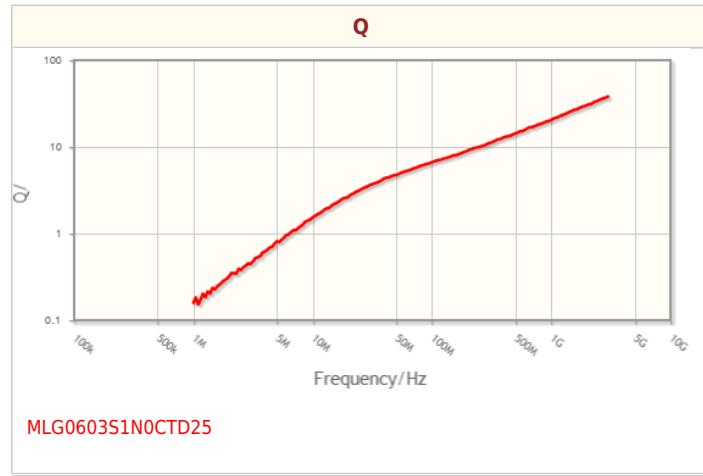
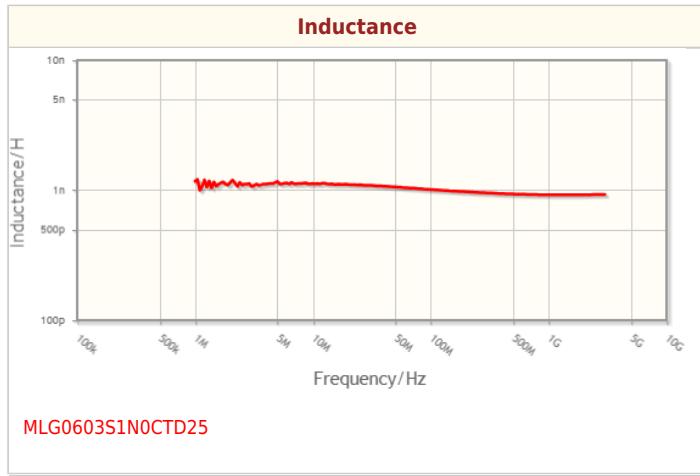
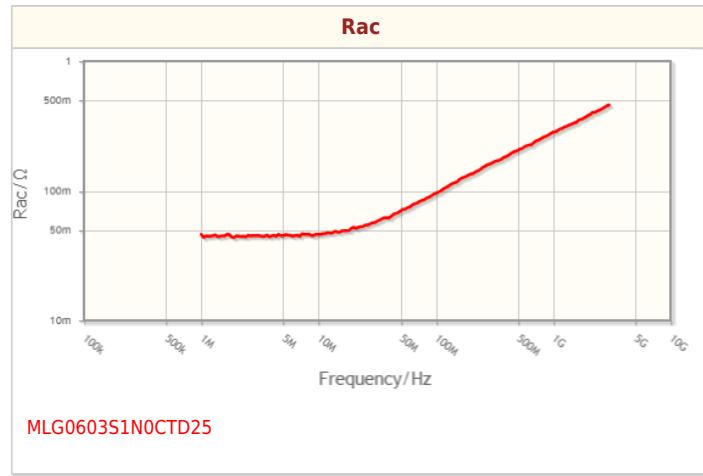
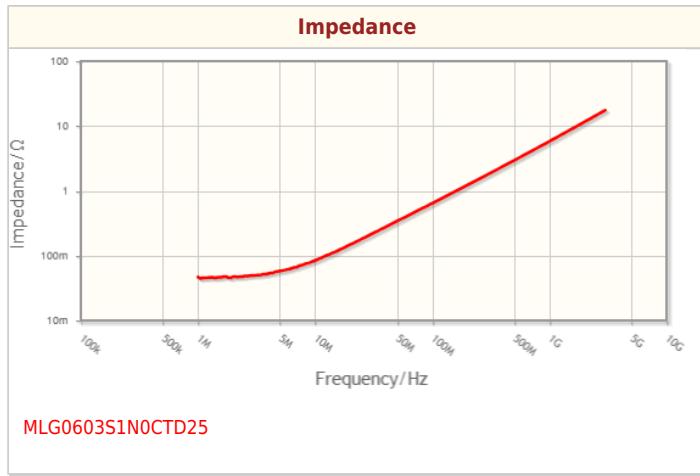
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.

MLG0603S1N0CTD25

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

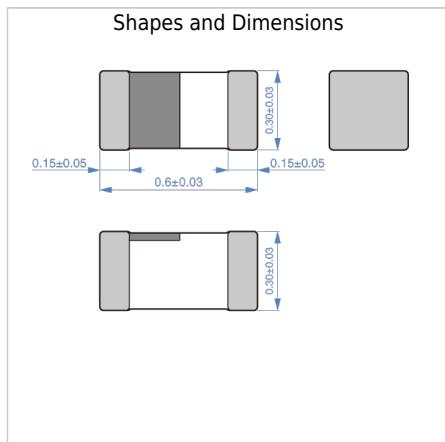


! Images are for reference only and show exemplary products.

! 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



Dimensions in mm

! 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.