

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	7.5nH \pm 3% at 100MHz
Rated Current	200mA
DC Resistance [Typ.]	430m Ω
DC Resistance [Max.]	700m Ω
Self Resonant Frequency [Min.]	4.2GHz
Self Resonant Frequency [Typ.]	5.3GHz
Q [Min.]	5 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

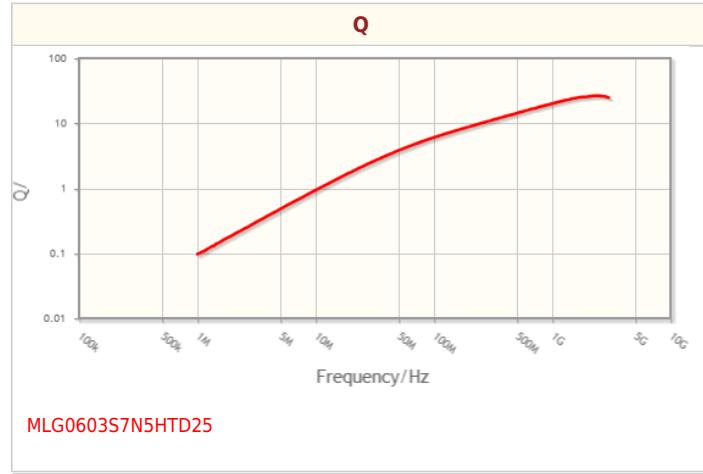
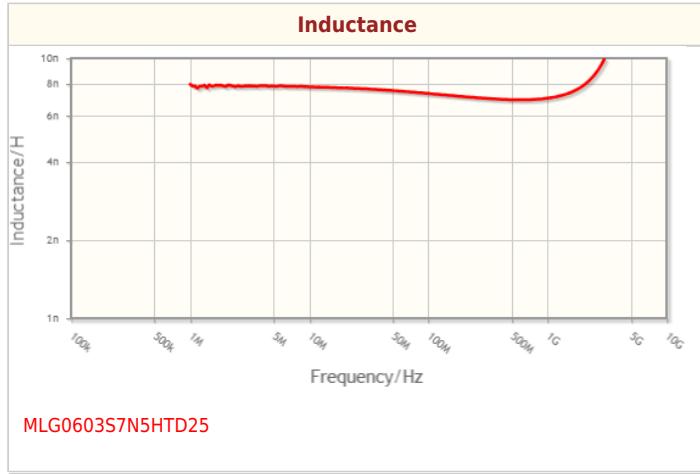
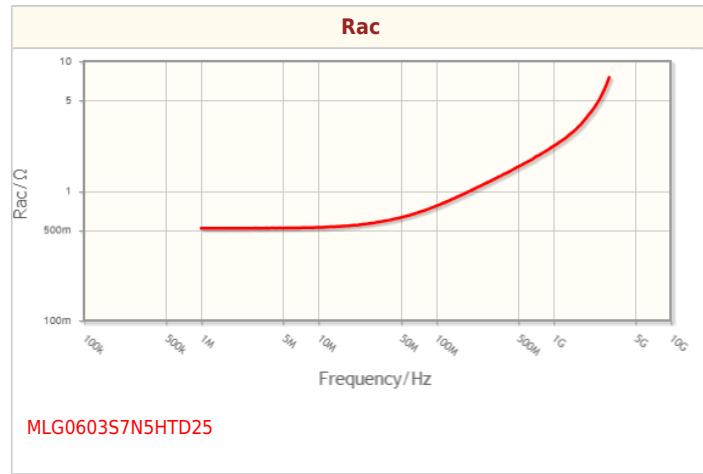
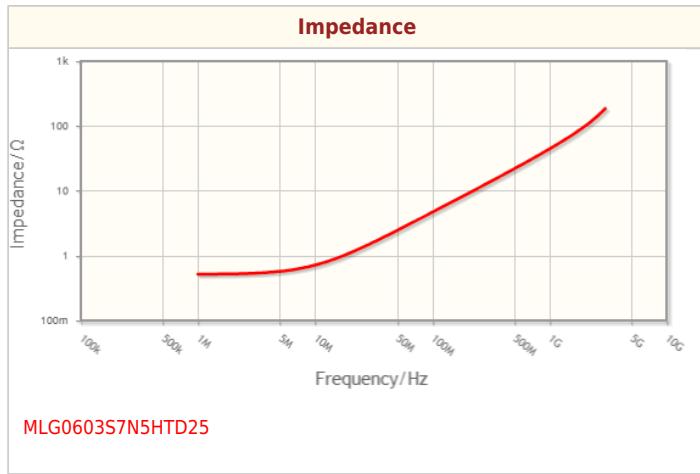
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.

MLG0603S7N5HTD25

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

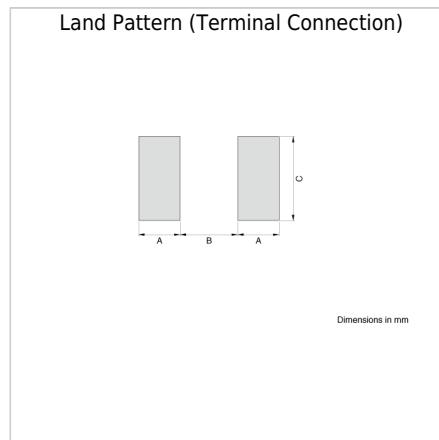
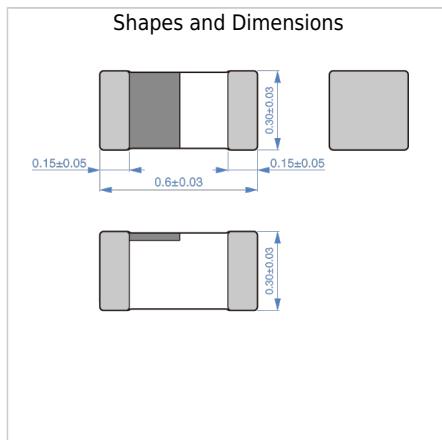


! Images are for reference only and show exemplary products.

! 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.