

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	1.5nH \pm 0.1nH at 100MHz
Rated Current	550mA
DC Resistance [Typ.]	70m Ω
DC Resistance [Max.]	150m Ω
Self Resonant Frequency [Min.]	9GHz
Self Resonant Frequency [Typ.]	10.4GHz
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

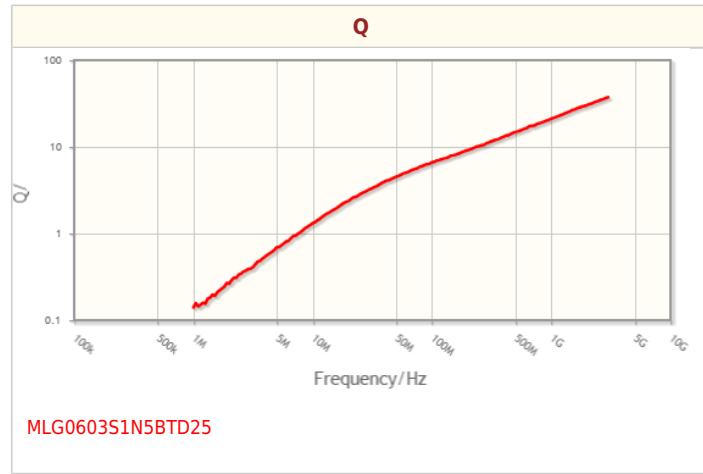
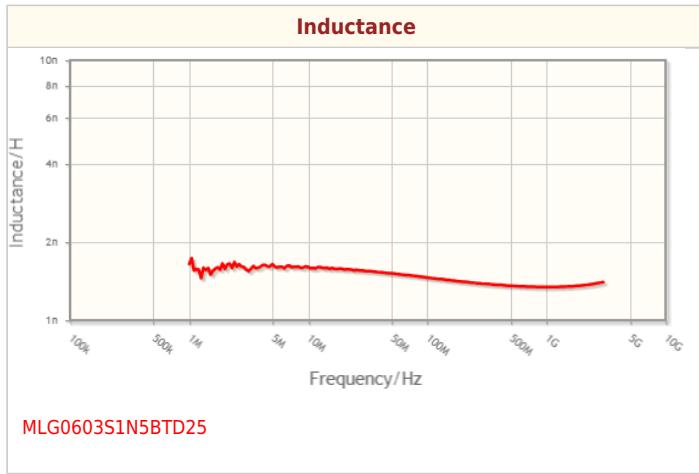
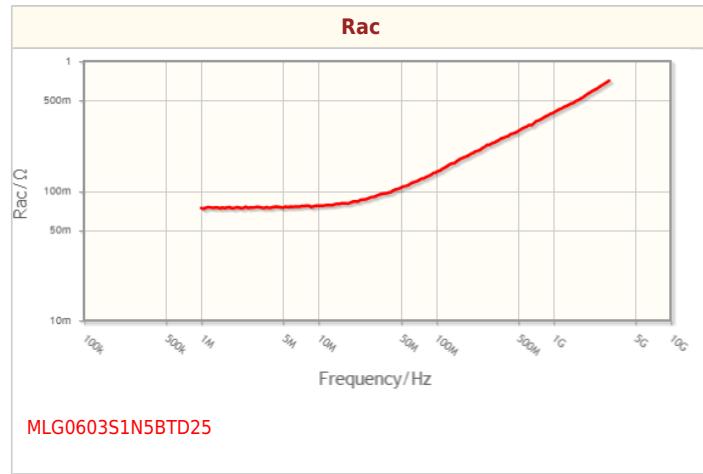
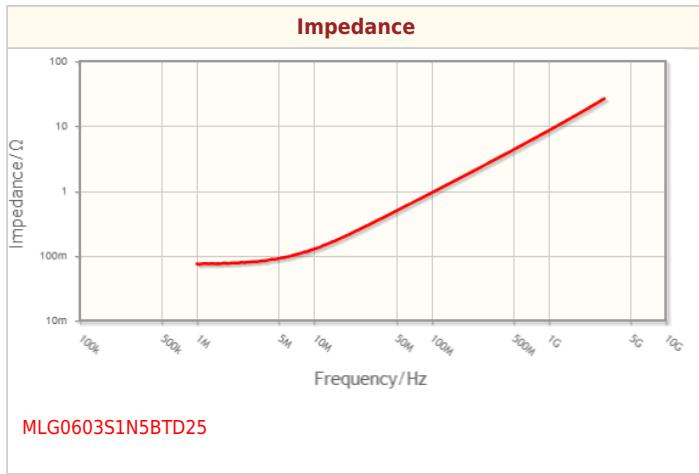
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MLG0603S1N5BTD25

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

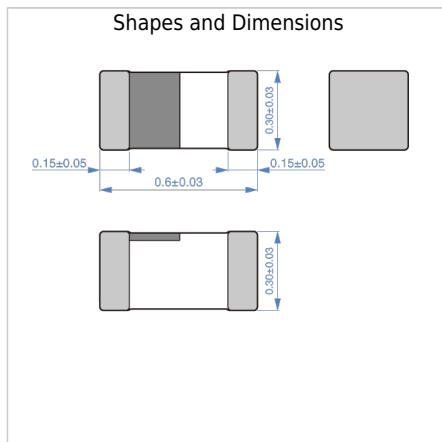


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Associated Images



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