

Inductors(Coils) Inductors(Coils)

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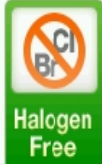
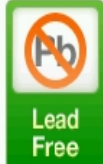
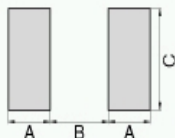
MLG0603P91NHT000 Inductors(Coils)

Applications Commercial Grade

Feature	Multilayer	Multilayer
	Non-Mag Core	Non-Magnetic Core (Dielectric Ceramic)

Series MLG-P Series / MLG0603P Type

Status Production

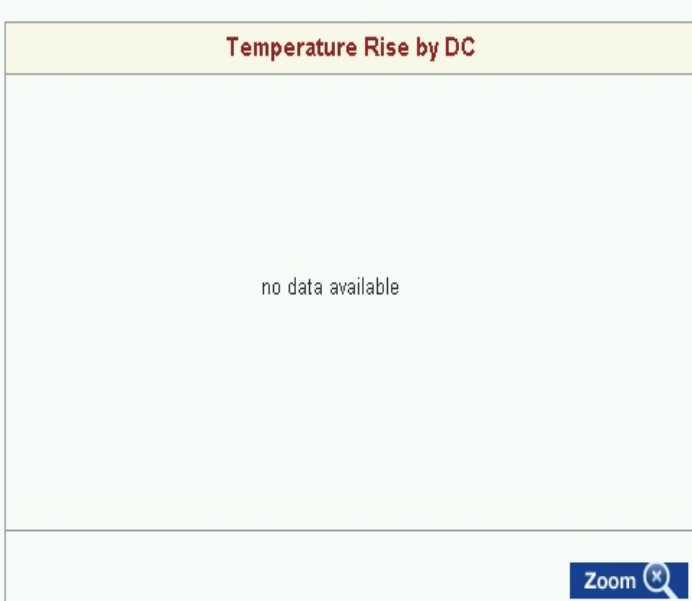
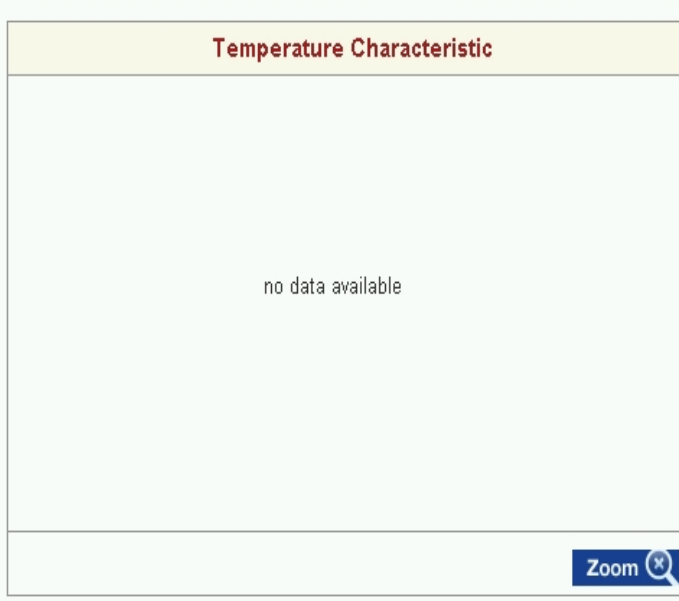
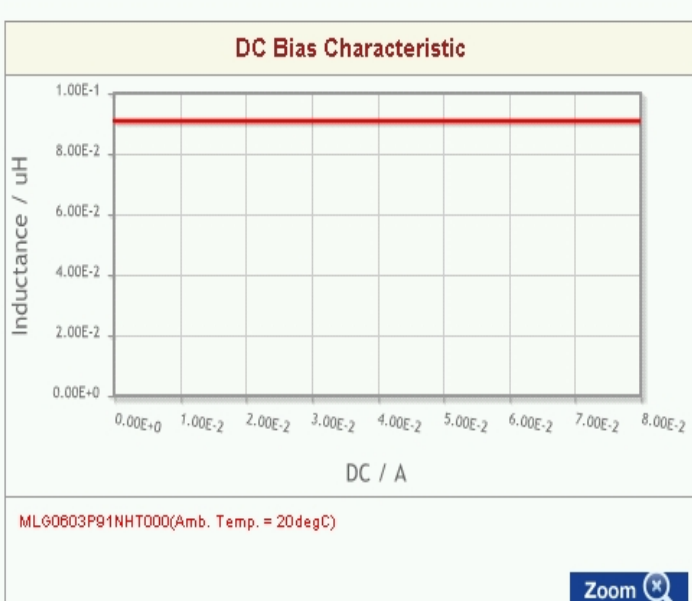
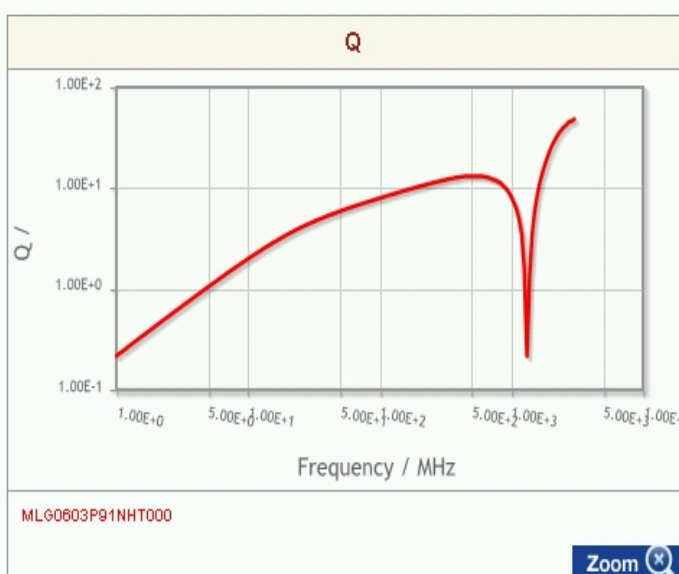
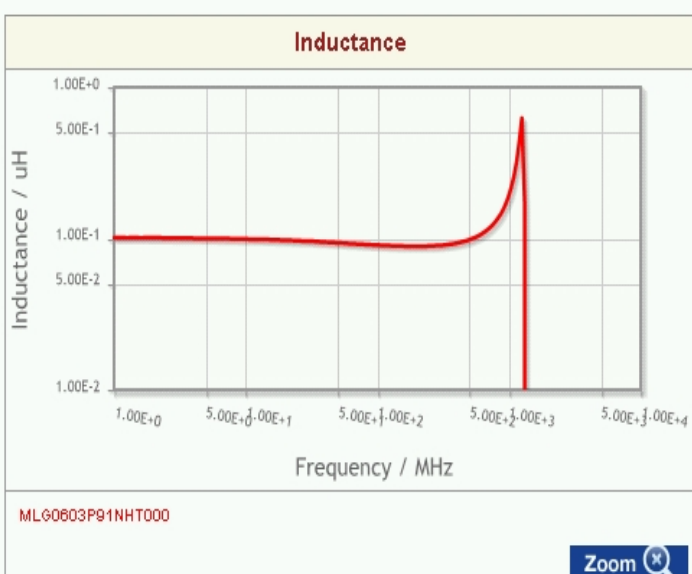
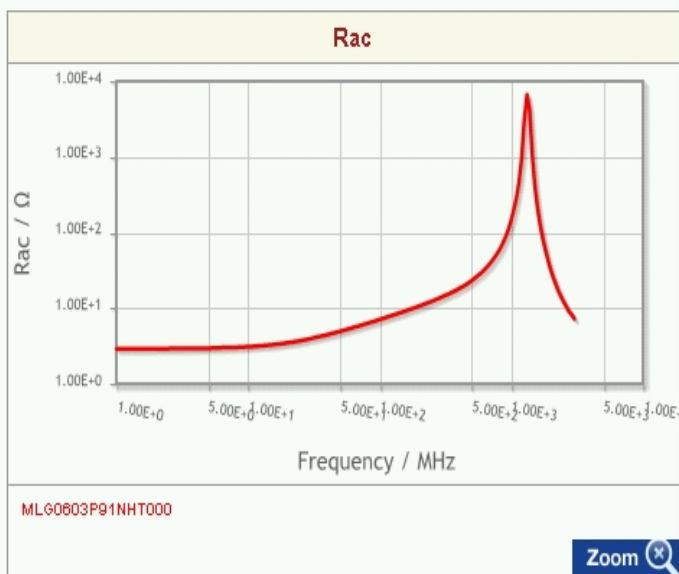
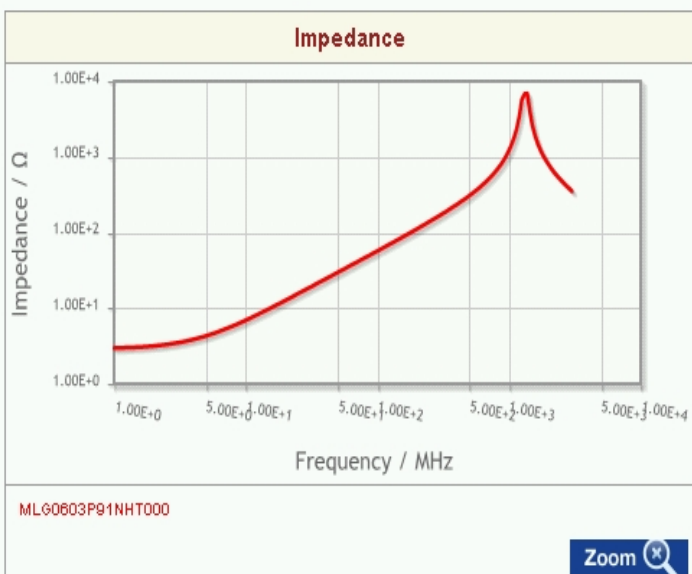


Size	
Length(L)	0.60mm +/-0.03mm
Width(W)	0.30mm +/-0.03mm
Thickness(T)	0.30mm +/-0.03mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

Electrical Characteristics	
Inductance	91nH +/-3% at 300MHz
Rated Current (Temperature Rise) [Max.]	80mA (20degC Rise)
Self-Resonant Frequency [Min.]	900MHz
Self-Resonant Frequency [Typ.]	1.3GHz
Q [Min.]	9 at 300MHz
Q [Typ.]	12 at 300MHz
DC Resistance [Nom.]	2.92Ω
DC Resistance [Max.]	4.5Ω

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	15000Pcs Min.
Weight	0.0002g

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



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