

Inductors(Coils) **Inductors(Coils)**

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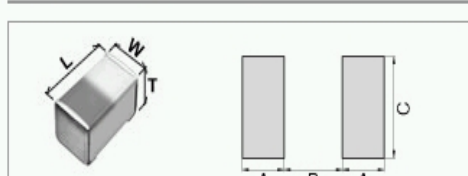
**MLG0603P13NHT000** Inductors(Coils)

**Applications** Commercial Grade

**Feature**  
 Multilayer  
 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	13nH +/-3% at 500MHz
Rated Current (Temperature Rise) [Max.]	250mA (20degC Rise)
Self-Resonant Frequency [Min.]	3.2GHz
Self-Resonant Frequency [Typ.]	4.2GHz
Q [Min.]	14 at 500MHz
Q [Typ.]	18 at 500MHz
DC Resistance [Nom.]	870mΩ
DC Resistance [Max.]	1.1Ω

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

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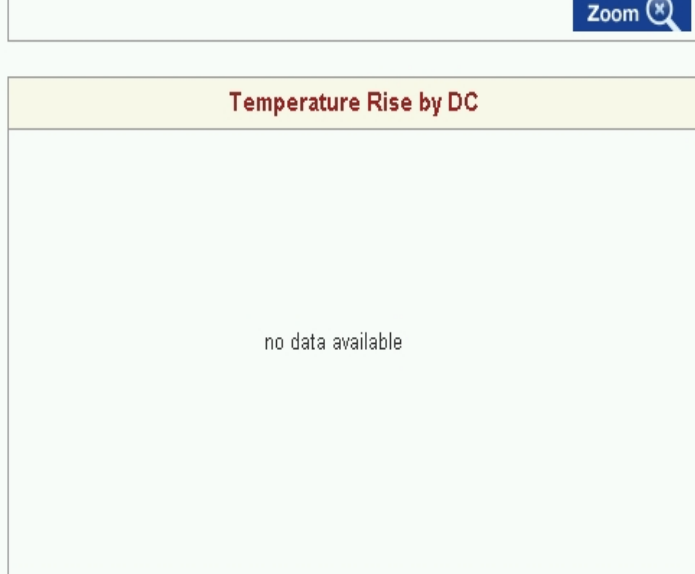
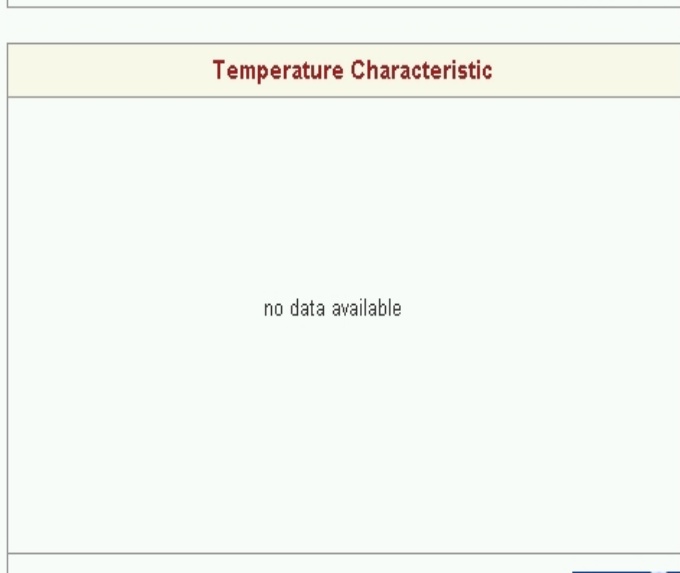
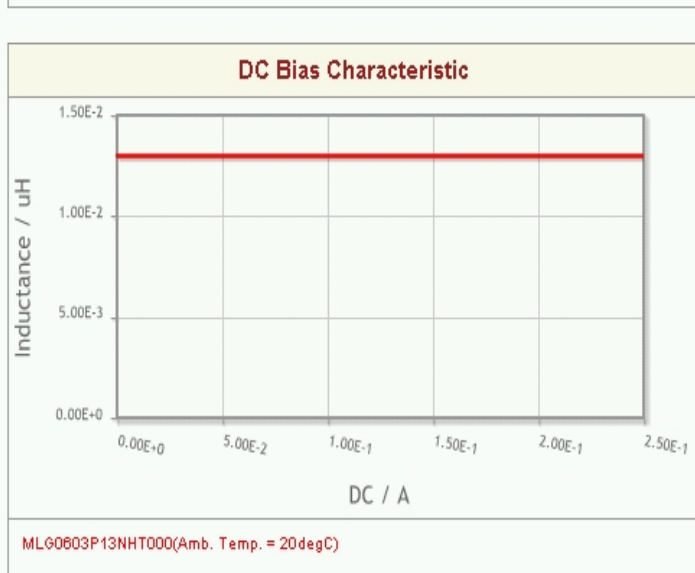
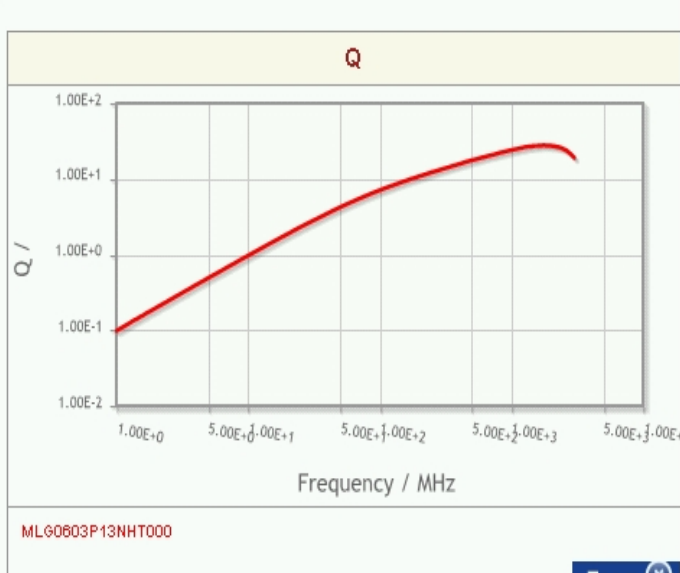
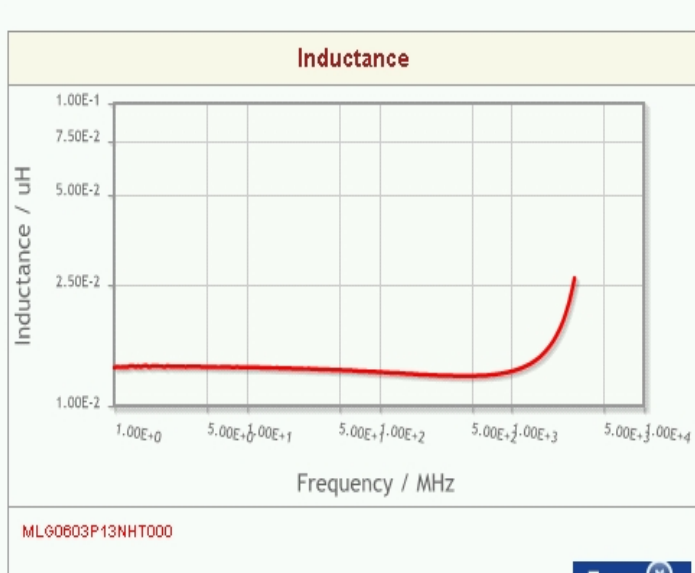
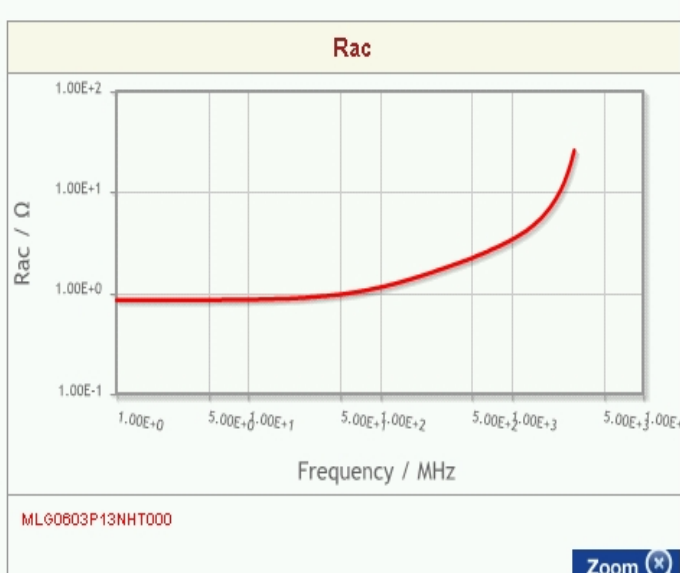
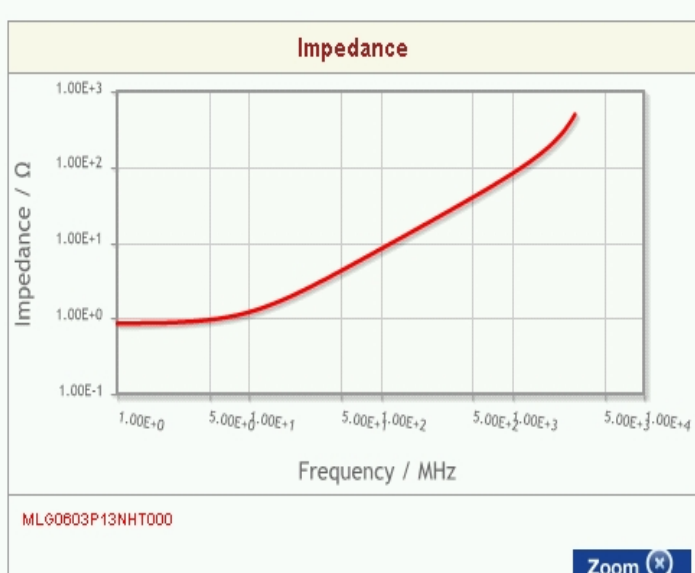
**Documents**

- Catalog
- RoHS Certificate
- REACH Certificate
- Product Lineup
- FAQ
- [Tech Journal] Multilayer Chip Inductor For High Frequency Circuits and Modules

**Design Tools**

- S-parameter
- SPICE Netlist(Simple)
- SPICE Netlist(Precision)
- Components Characteristics Viewer

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



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  - » ITO Transparent Conductive Film
  - » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

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