

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

Product Top Page Search by Part No. Search by Characteristics Cross Reference Catalog Tech Notes Technical Support Tools Help

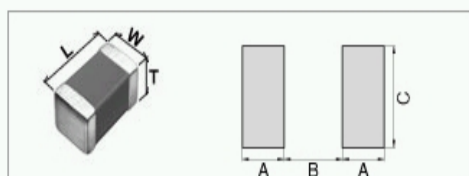
**MLF1608DR56MTA00** Inductors(Coils)

**Applications** Commercial Grade

**Feature**  
 Multilayer  
 Magnetic Shield  
 Ferrite Core

**Series** MLF Series / MLF1608 Type

**Status** Production



Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	0.80mm +/-0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	560nH +/-20% at 25MHz
Rated Current	100mA
Self-Resonant Frequency [Min.]	170MHz
Self-Resonant Frequency [Typ.]	230MHz
Q [Min.]	15 at 25MHz
Q [Typ.]	30 at 25MHz
DC Resistance [Nom.]	550mΩ
DC Resistance [Max.]	1.05Ω

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

**Buy Now** (Distributor Inventory Check)

**Contact**

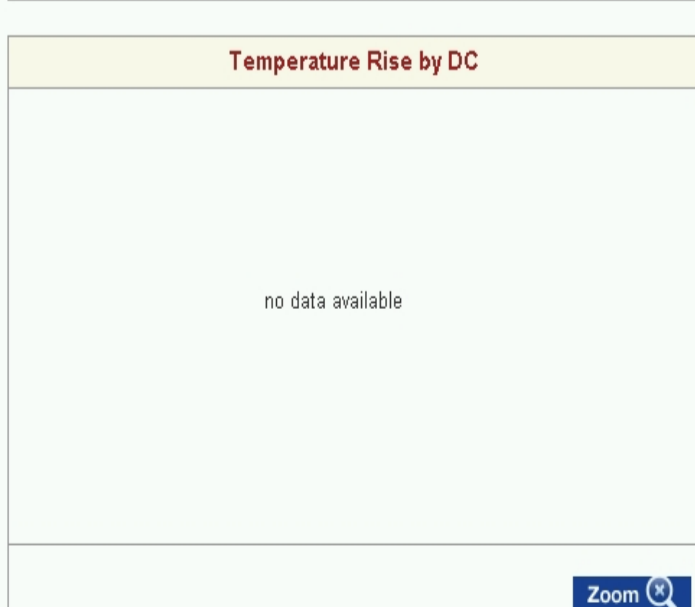
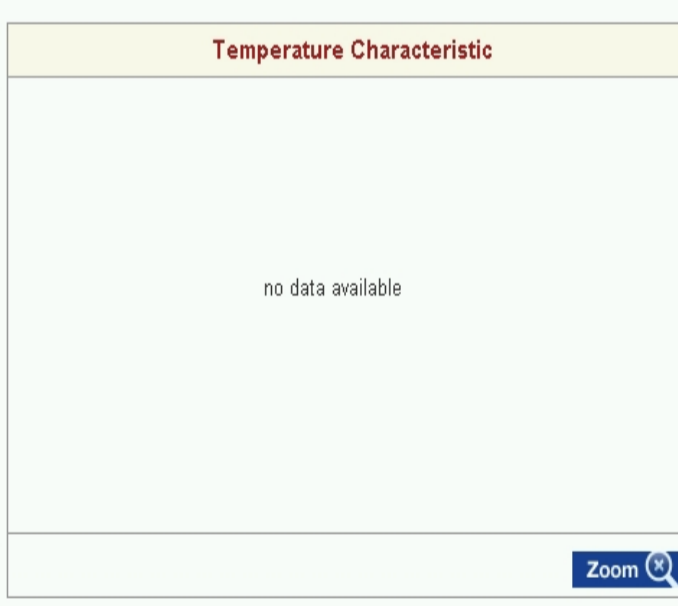
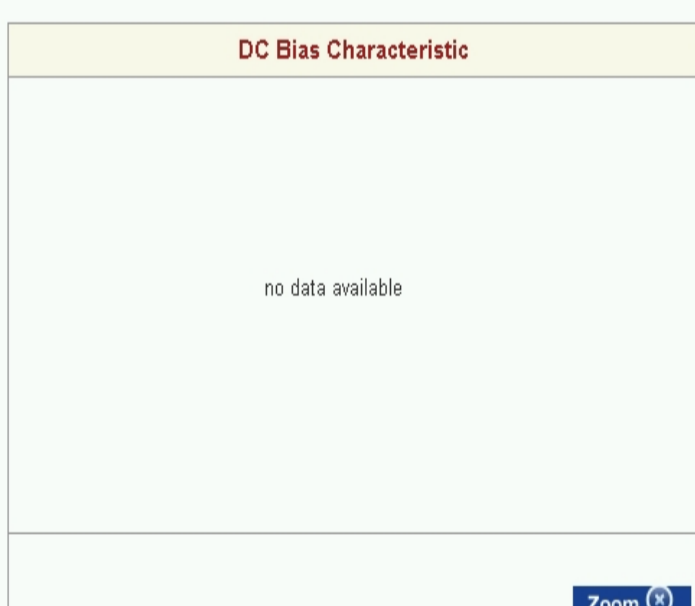
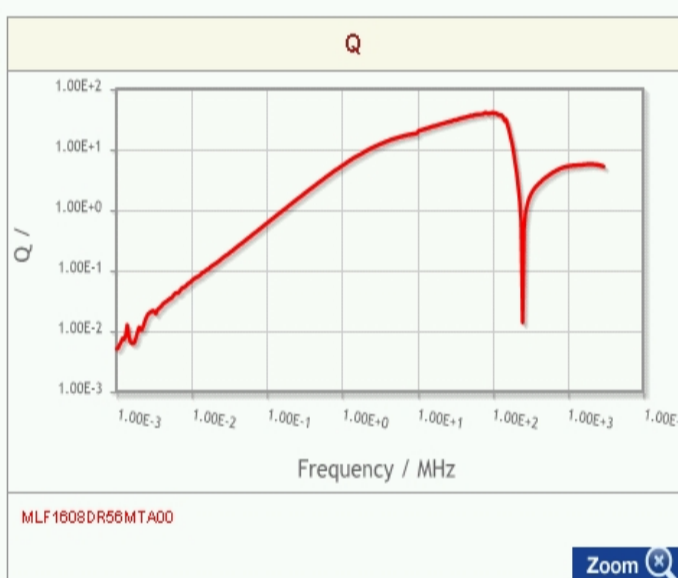
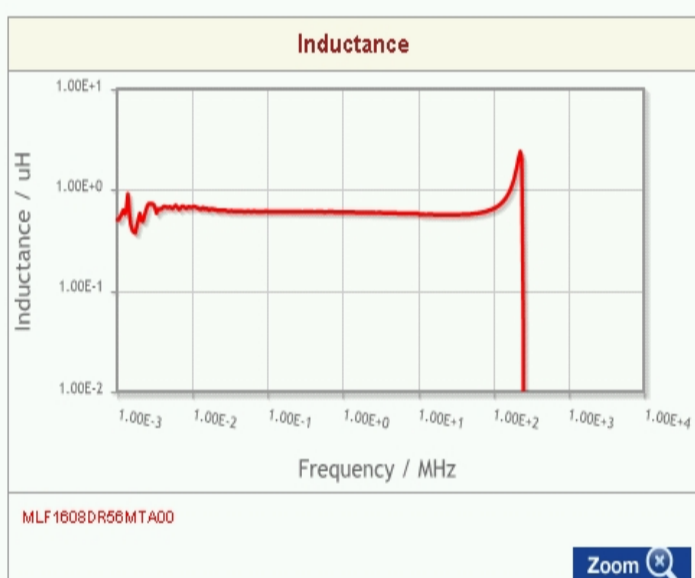
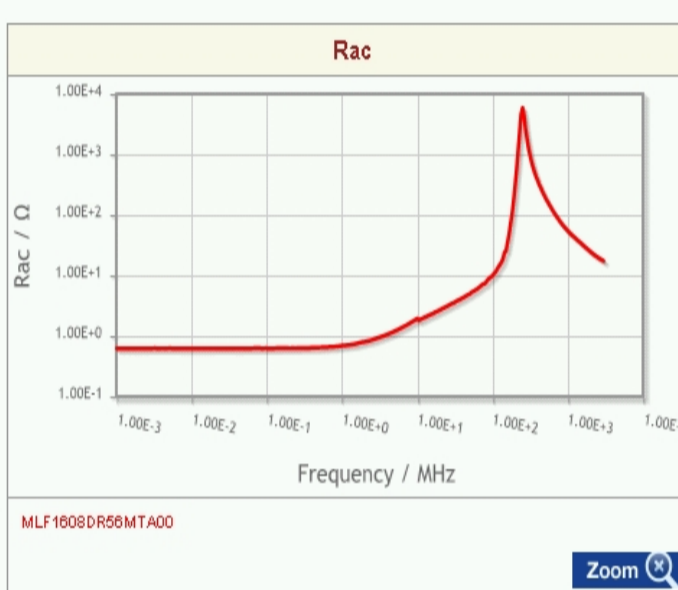
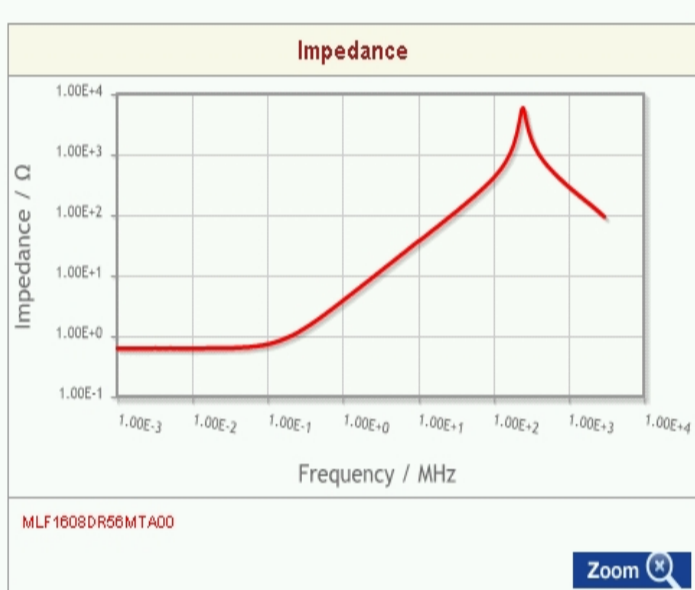
**Documents**

- Catalog
- RoHS Certificate
- REACH Certificate
- Product Lineup
- FAQ
- [FAQ] What is a magnetic shield type?

**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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- » Noise Suppression Sheets / Magnetic Sheets
- » Anechoic Chambers and Radio Wave Absorbers
- » Power Supplies
- » Magnets
- » Flash Storage
- » Wireless Charging
- » FA Systems
- » ITO Transparent Conductive Film
- » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

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