

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

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

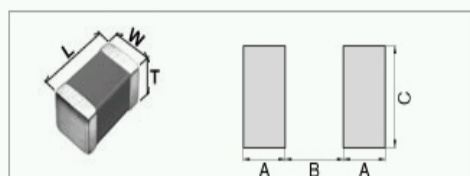
MLF1608E100MTD00 Inductors(Coils)

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	10uH +/-20% at 2MHz
Rated Current	10mA
Self-Resonant Frequency [Min.]	30MHz
Self-Resonant Frequency [Typ.]	50MHz
Q [Min.]	30 at 2MHz
Q [Typ.]	55 at 2MHz
DC Resistance [Nom.]	1Ω
DC Resistance [Max.]	1.7Ω

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

Request Now

Contact

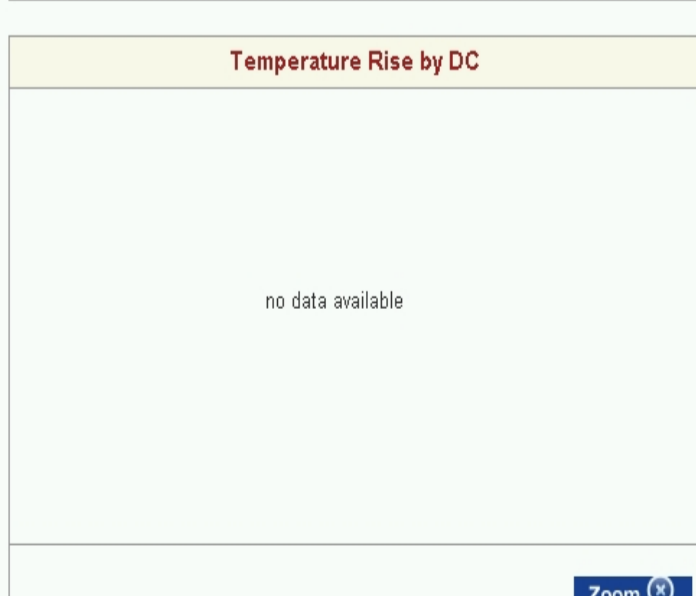
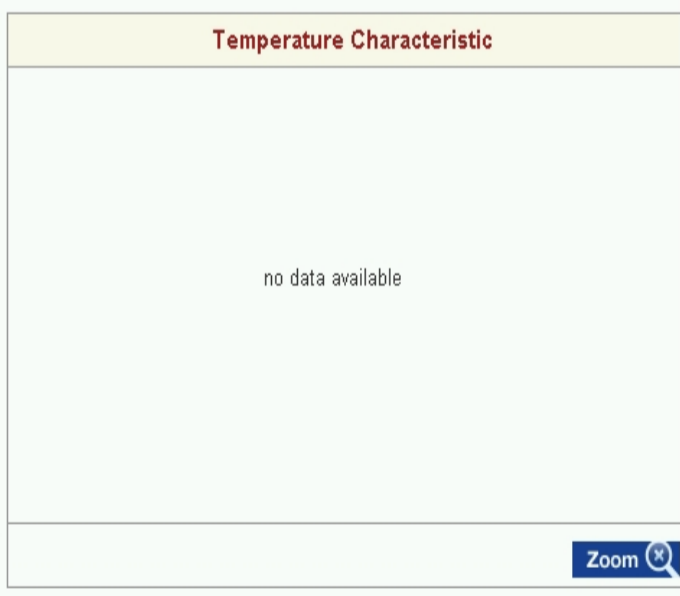
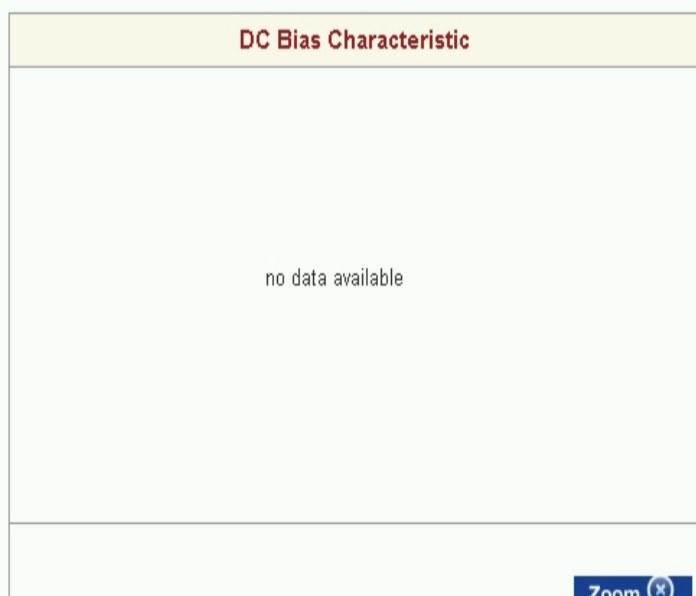
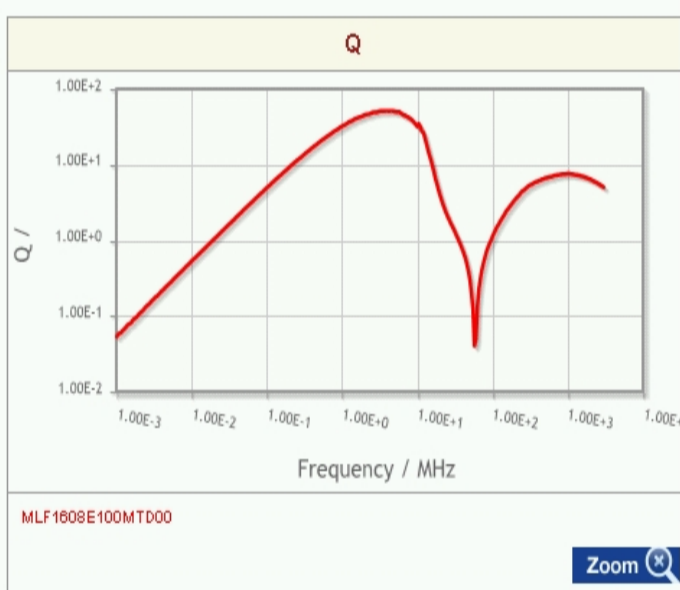
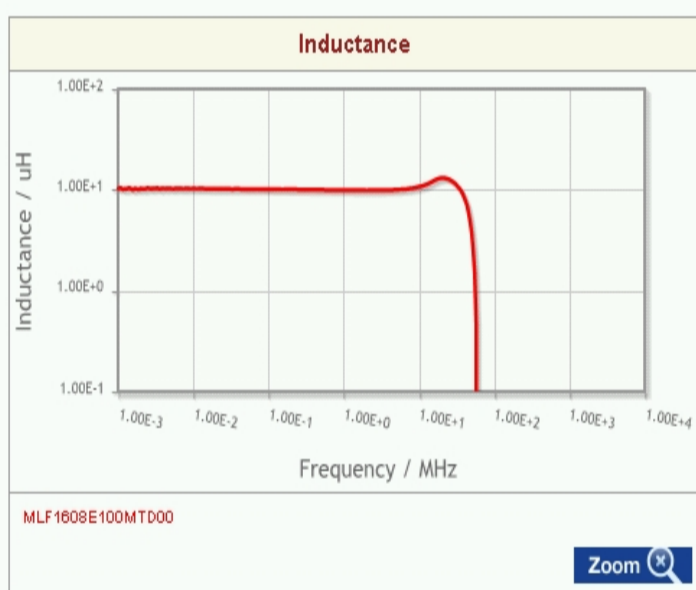
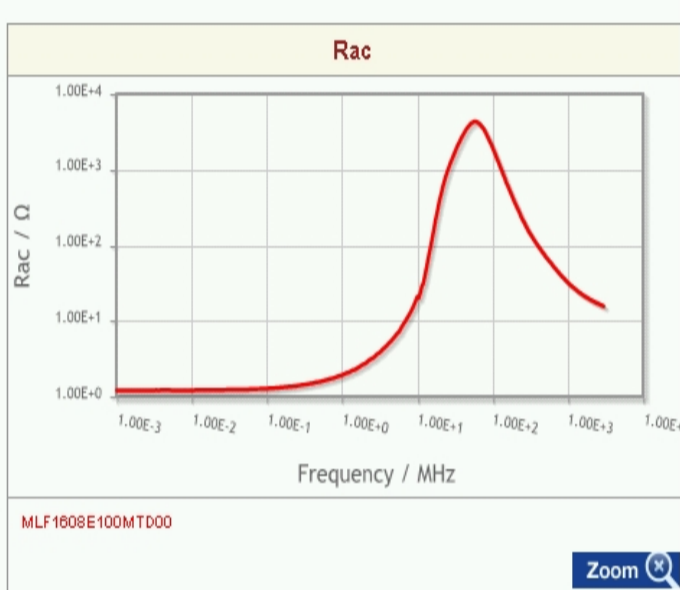
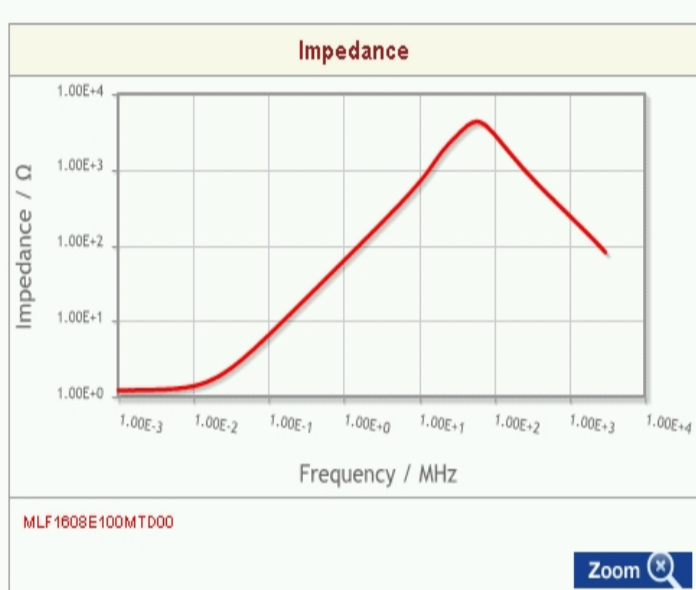
Documents

- 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.)



Products

» Search by Part No. » Search by Characteristics » Distributor Inventory Check

- » Capacitors
- » Inductors (Coils)
- » EMC Components
- » RF / SAW Components and Modules
- » Voltage Protection Devices
- » Current Protection Devices
- » Temperature Protection Devices
- » Sensors and Sensor Systems
- » Ceramic Switching / Heating, Piezo Components and Buzzers
- » Transformers
- » Ferrites and Accessories
- » 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)

Application Guides

- Technical Support**
- Tech Library**
- Environment**
- Contact**
- News**
- Home**

- About TDK
- TDK Worldwide