

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

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

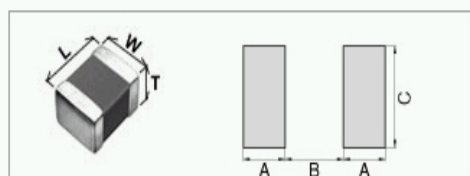
MLF2012DR12MT000 Inductors(Coils)

Applications Commercial Grade

Feature
 Multilayer Multilayer
 Shield Magnetic Shield
 Ferrite Core Ferrite Core

Series MLF Series / MLF2012 Type

Status Production



Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	0.85mm +/-0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	120nH +/-20% at 25MHz
Rated Current	300mA
Self-Resonant Frequency [Min.]	360MHz
Self-Resonant Frequency [Typ.]	450MHz
Q [Min.]	20 at 25MHz
Q [Typ.]	30 at 25MHz
DC Resistance [Nom.]	120mΩ
DC Resistance [Max.]	200mΩ

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	0.01g

Buy Now (Distributor Inventory Check)

Contact

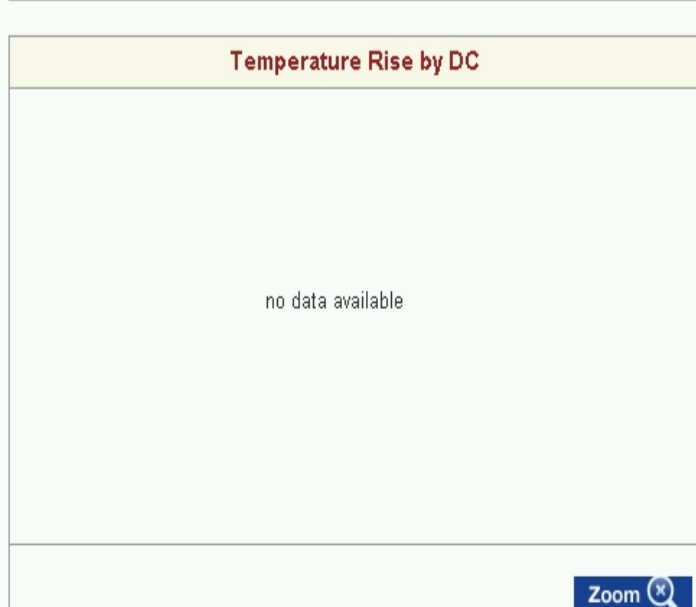
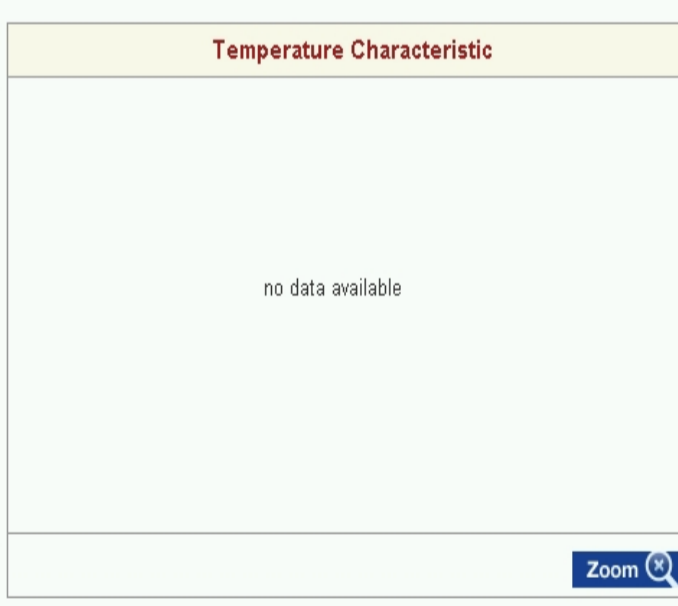
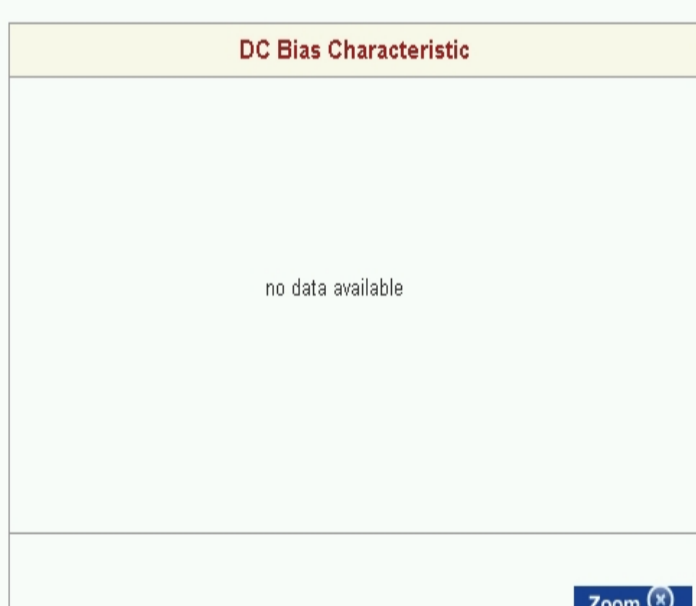
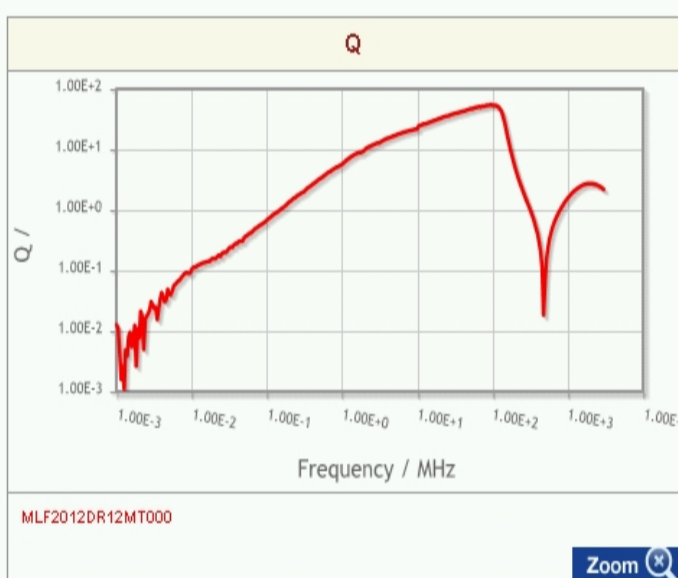
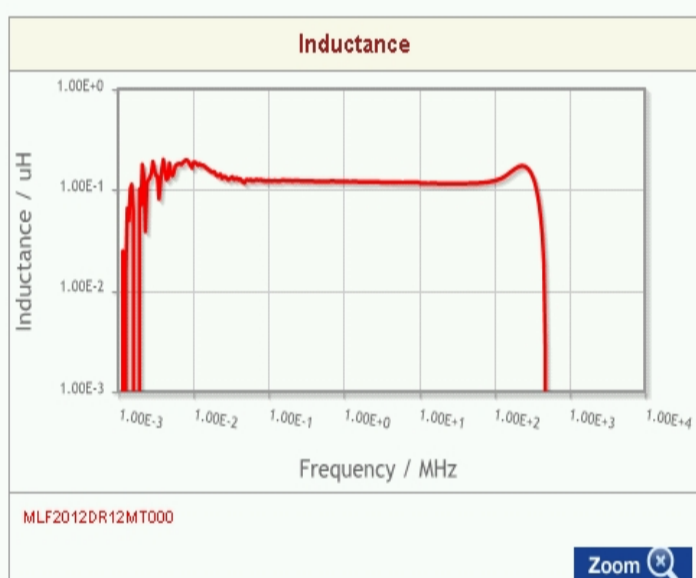
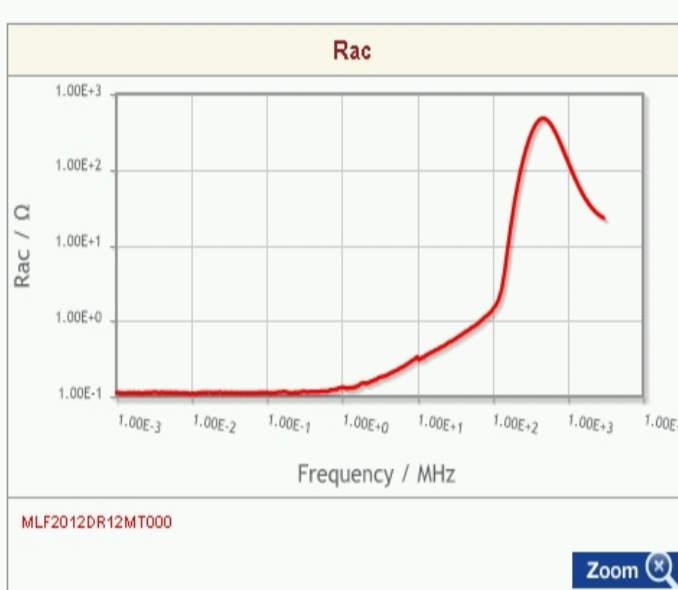
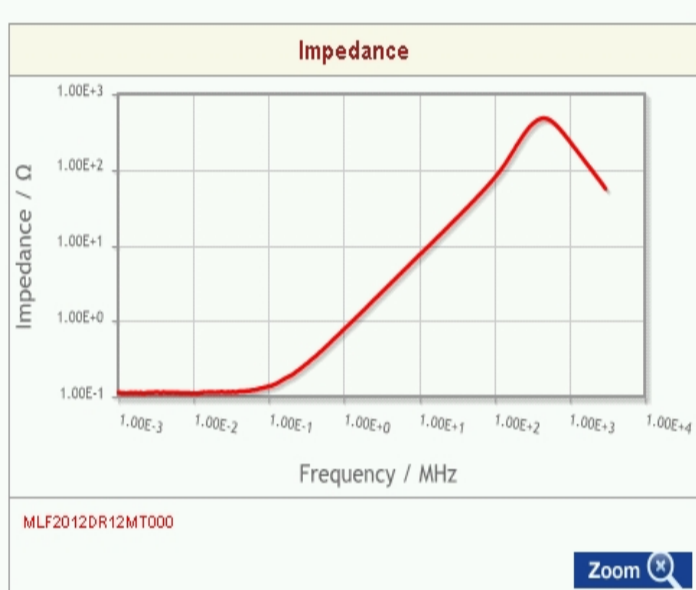
Documents

- 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.)



Products

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- » 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

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