

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

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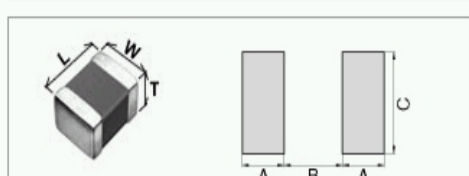
MLF2012C101MT000 Inductors(Coils)

Applications Commercial Grade

Feature
 Multilayer
 Magnetic Shield
 Ferrite Core

Series MLF Series / MLF2012 Type

Status Production



Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	1.25mm +/-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	100uH +/-20% at 1MHz
Rated Current	2mA
Self-Resonant Frequency [Min.]	7MHz
Self-Resonant Frequency [Typ.]	12MHz
Q [Min.]	25 at 1MHz
Q [Typ.]	45 at 1MHz
DC Resistance [Nom.]	2.5Ω
DC Resistance [Max.]	3.1Ω

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 85degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.014g

Buy Now (Distributor Inventory Check)

Contact

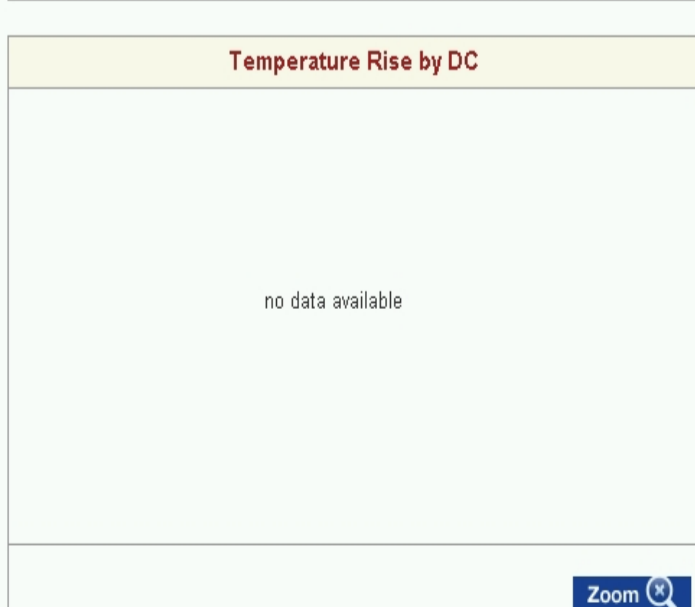
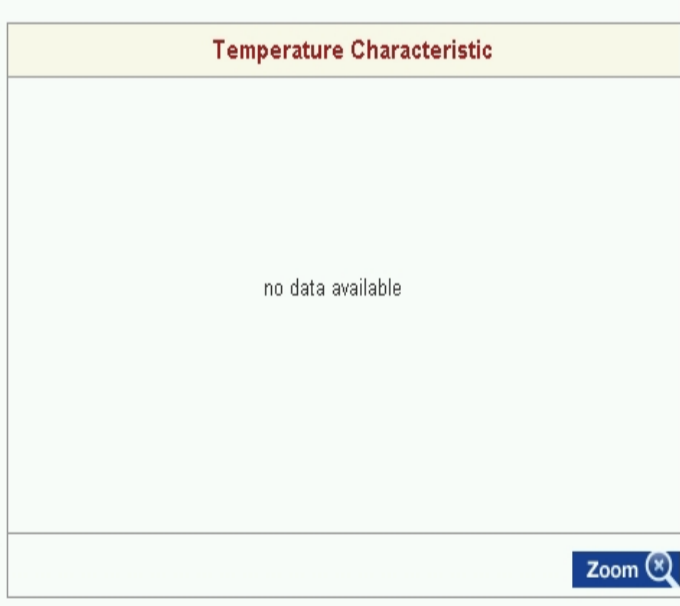
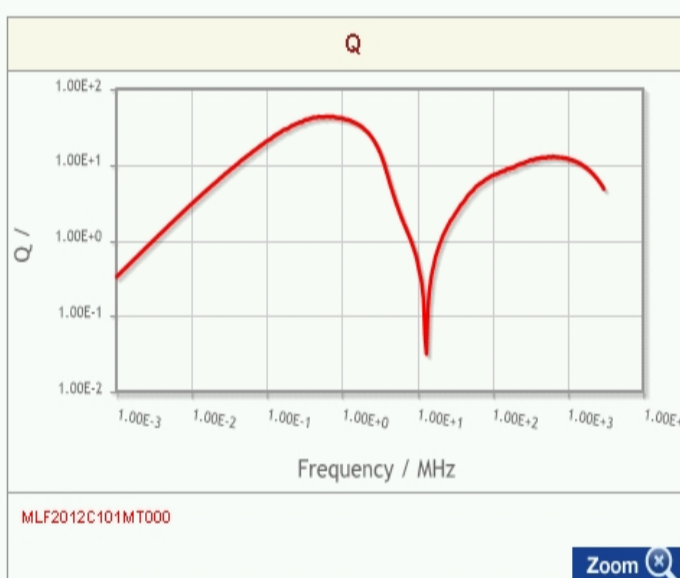
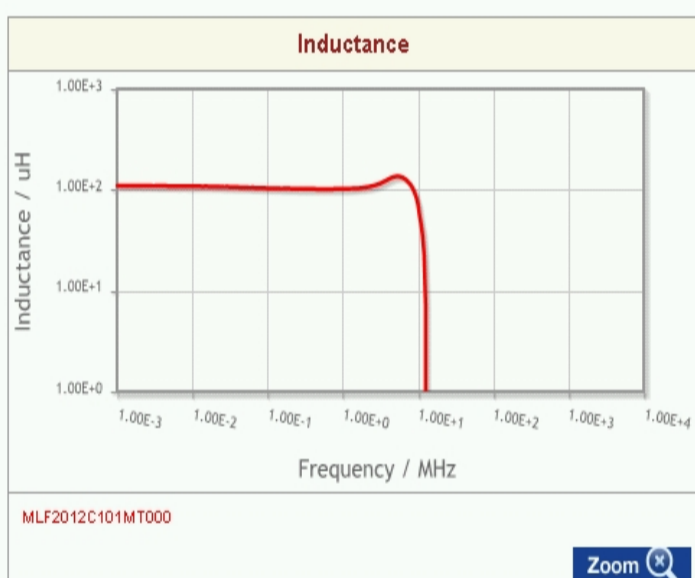
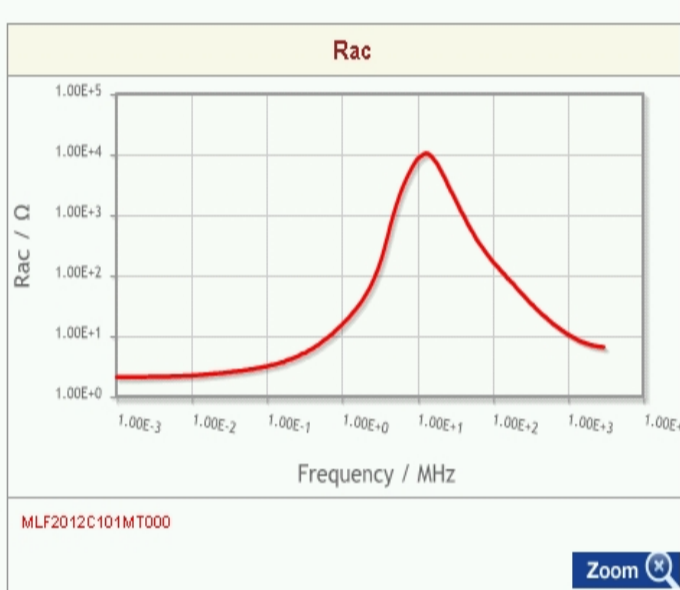
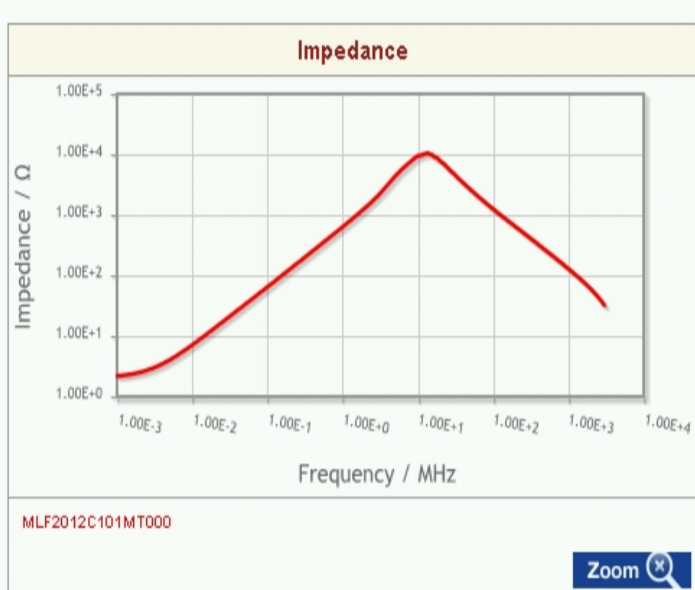
Documents

- 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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 - » Anechoic Chambers and Radio Wave Absorbers
 - » Power Supplies
 - » Magnets
 - » Flash Storage
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