

Inductors(Coils)

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MLF2012E100MT000

Inductors(Coils)

Applications

Commercial Grade

Feature

Multilayer

Multilayer

Shield

Magnetic Shield

Ferrite Core

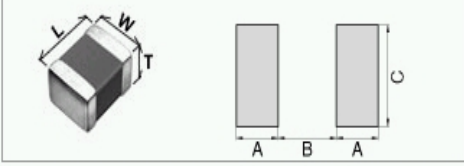
Ferrite Core

Series

MLF Series / MLF2012 Type

Status

Production

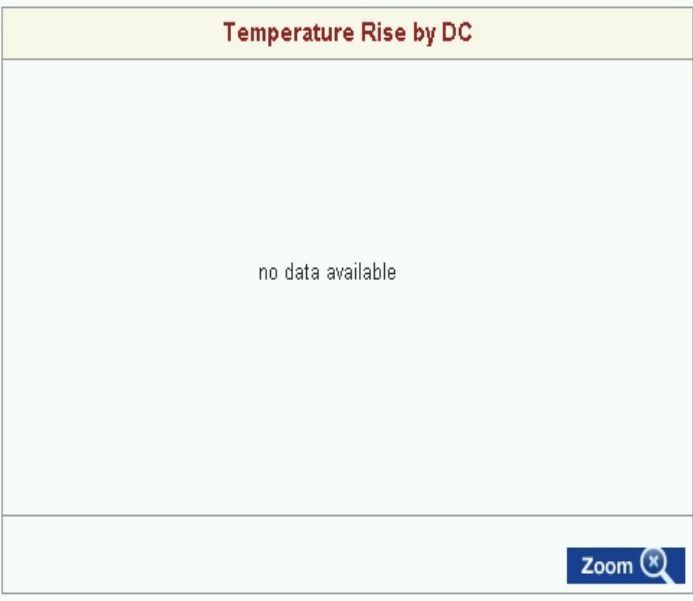
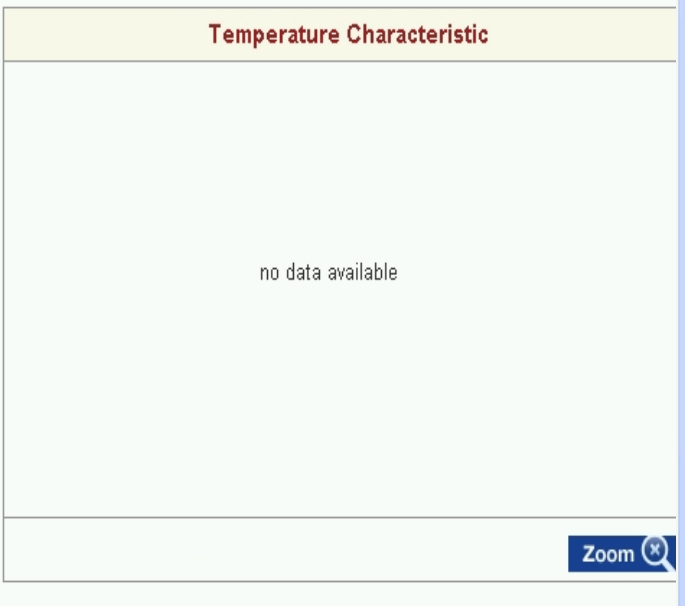
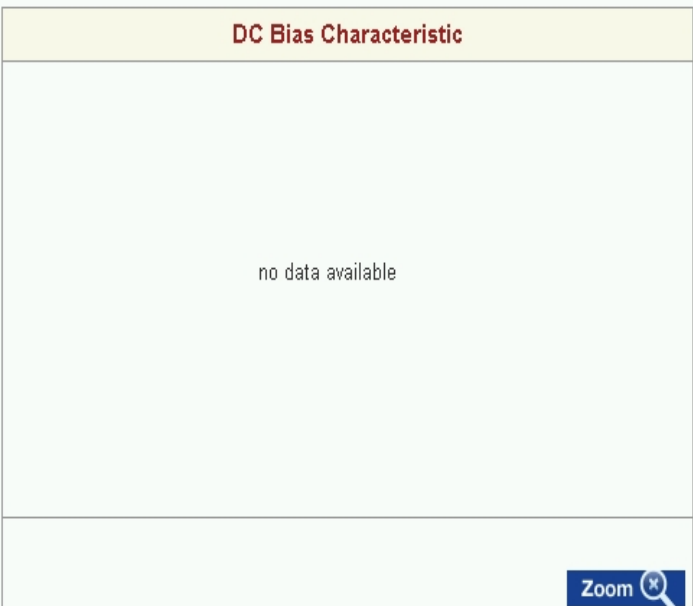
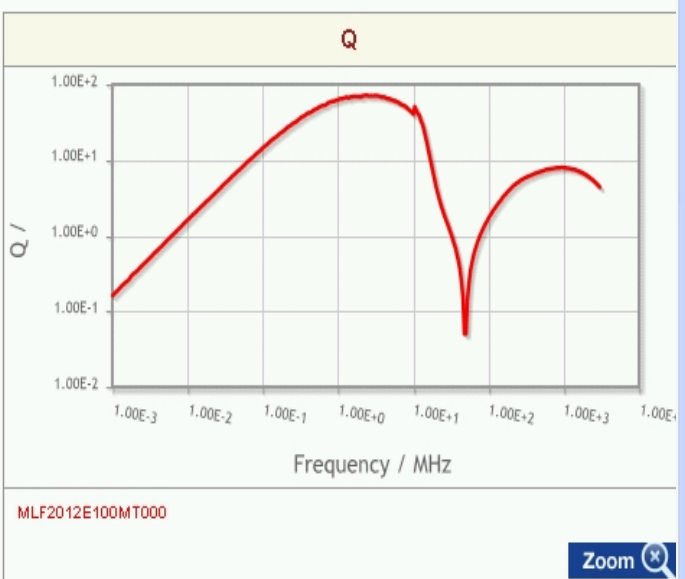
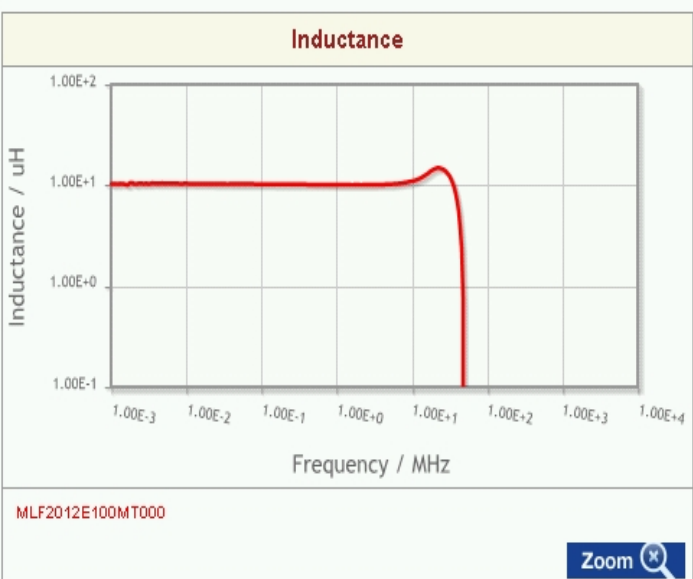
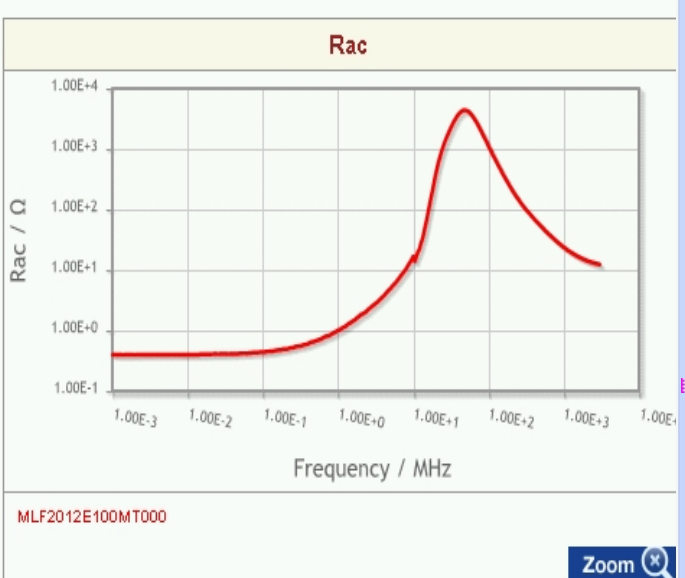
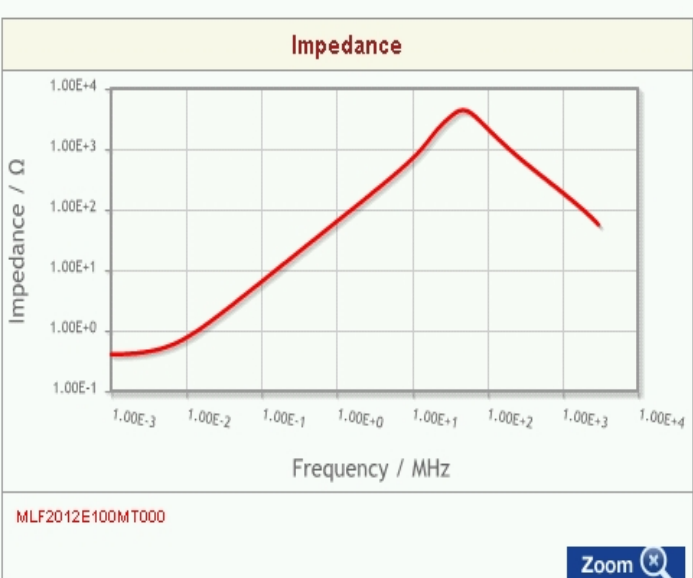


| Size | |
|------------------------------|------------------|
| Length(L) | 2.00mm +/-0.20mm |
| Width(W) | 1.25mm +/-0.20mm |
| Thickness(T) | 1.25mm +/-0.20mm |
| Recommended Land Pattern (A) | 0.80mm Nom. |
| Recommended Land Pattern (B) | 1.00mm Nom. |
| Recommended Land Pattern (C) | 1.20mm Nom.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

| Electrical Characteristics | |
|--------------------------------|---------------------|
| Inductance | 10uH +/-20% at 2MHz |
| Rated Current | 15mA |
| Self-Resonant Frequency [Min.] | 30MHz |
| Self-Resonant Frequency [Typ.] | 50MHz |
| Q [Min.] | 50 at 2MHz |
| Q [Typ.] | 75 at 2MHz |
| DC Resistance [Nom.] | 400mΩ |
| DC Resistance [Max.] | 800mΩ |

| Other | |
|---|--------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125degC |
| Soldering Method | Reflow, Iron Soldering |
| AEC Q200 | No |
| Packing | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 2000Pcs Min. |
| Weight | 0.014g |

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



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» 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

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