

Inductors(Coils)

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MLF2012DR15MT000

Inductors(Coils)

Applications

Commercial Grade

Feature

Multilayer

Multilayer

Shield

Magnetic Shield

Ferrite Core

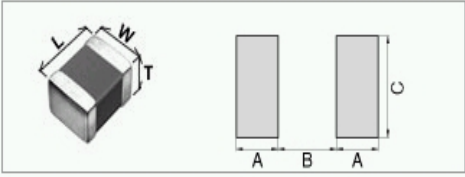
Ferrite Core

Series

MLF Series / MLF2012 Type

Status

Production

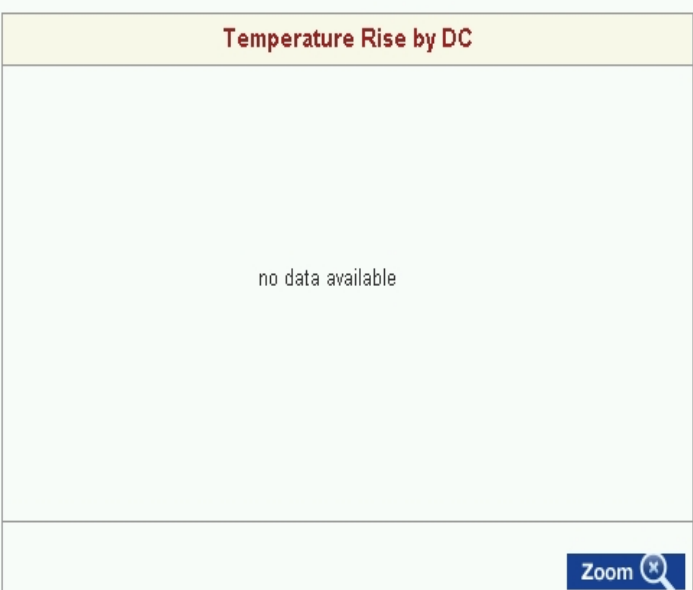
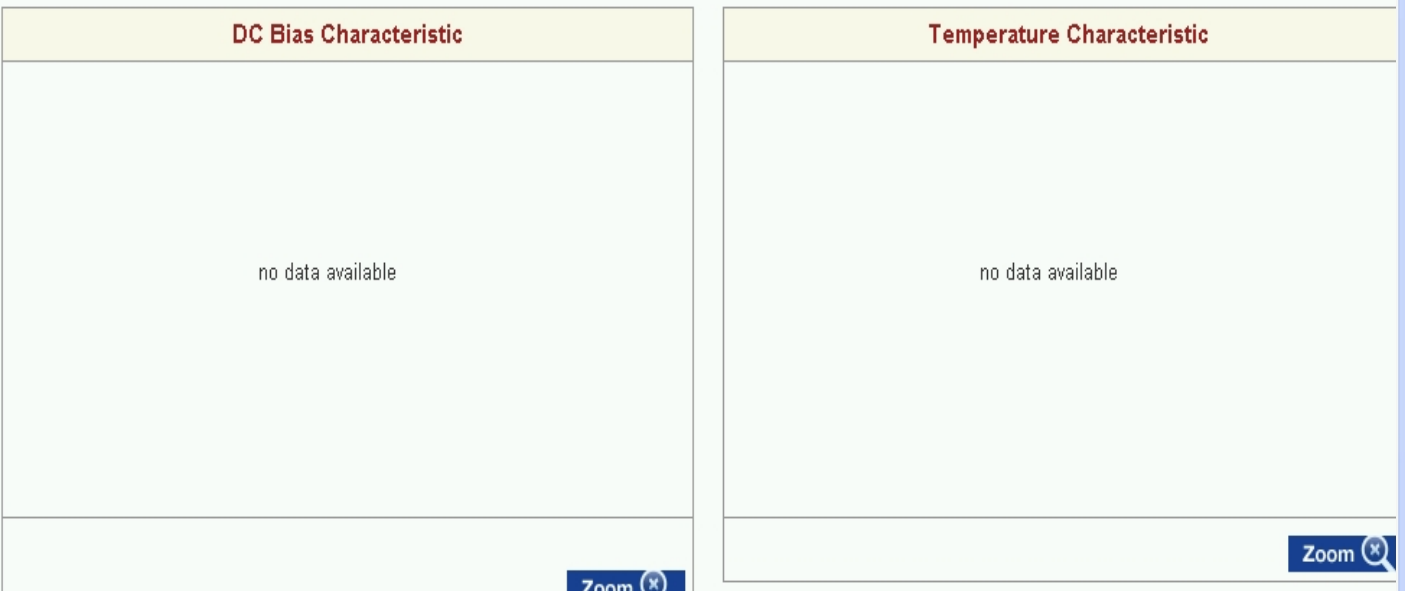
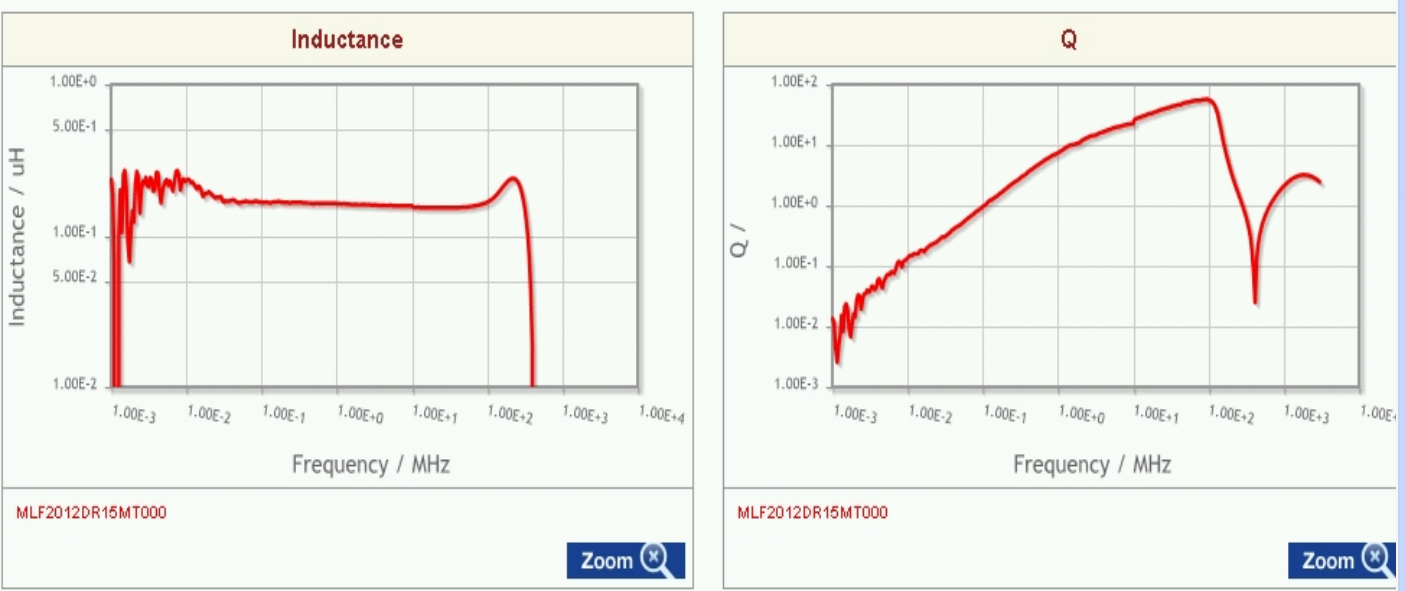
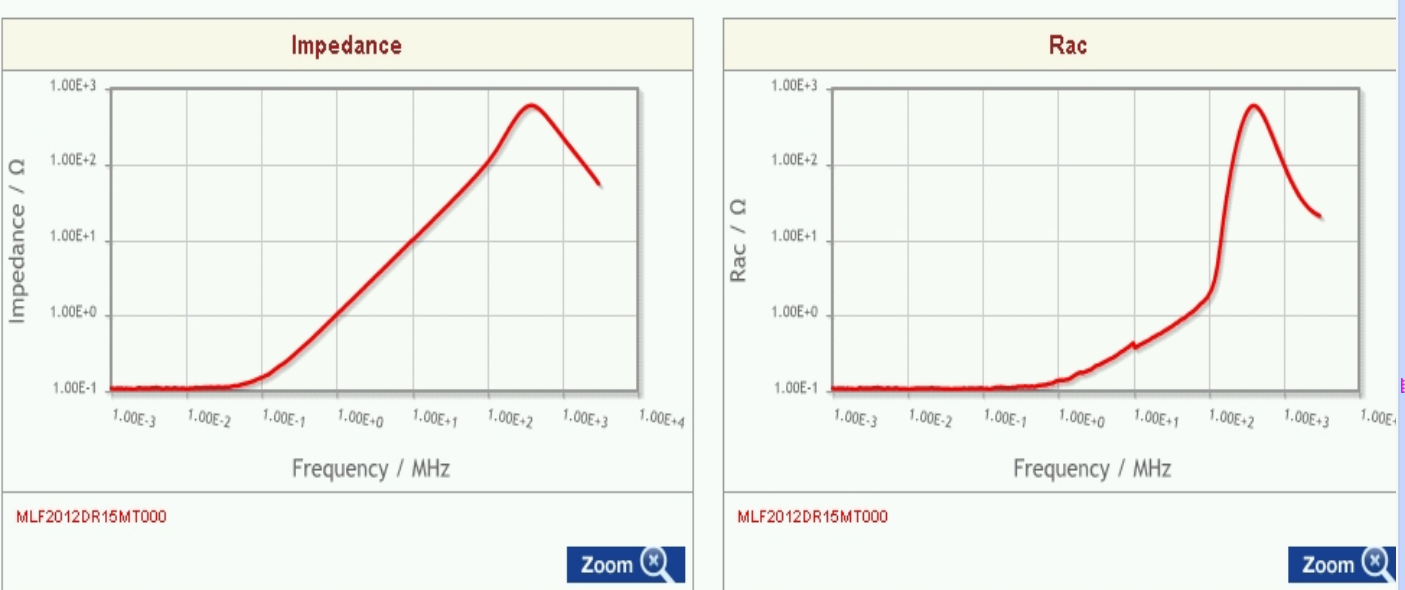


Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	0.85mm +/-0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	150nH +/-20% at 25MHz
Rated Current	300mA
Self-Resonant Frequency [Min.]	320MHz
Self-Resonant Frequency [Typ.]	410MHz
Q [Min.]	20 at 25MHz
Q [Typ.]	30 at 25MHz
DC Resistance [Nom.]	130mΩ
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

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



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» 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)

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