

Inductors(Coils)

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MLF1608DR15MTA00

Inductors(Coils)

Applications

Commercial Grade

Feature

Multilayer

Multilayer

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

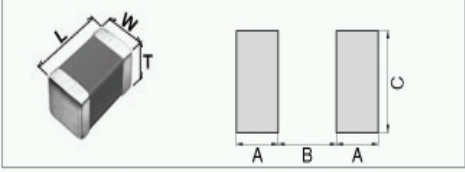
Series

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	150nH +/-20% at 25MHz
Rated Current	200mA
Self-Resonant Frequency [Min.]	350MHz
Self-Resonant Frequency [Typ.]	500MHz
Q [Min.]	15 at 25MHz
Q [Typ.]	25 at 25MHz
DC Resistance [Nom.]	250mΩ
DC Resistance [Max.]	450mΩ

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

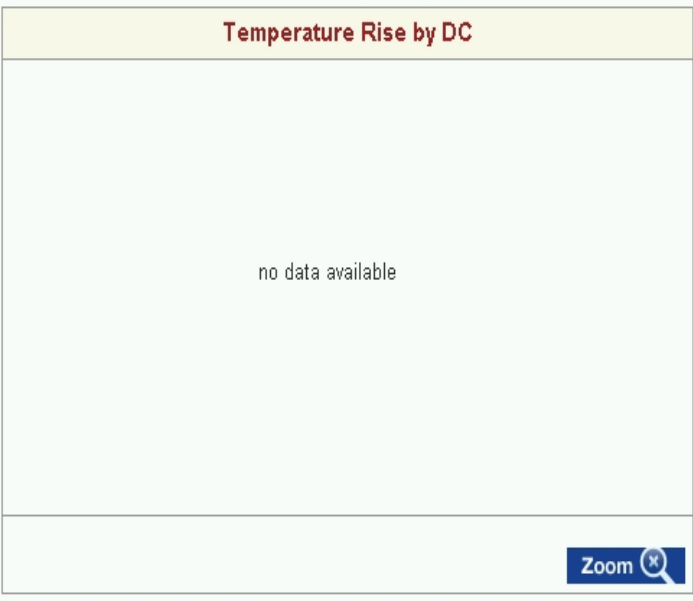
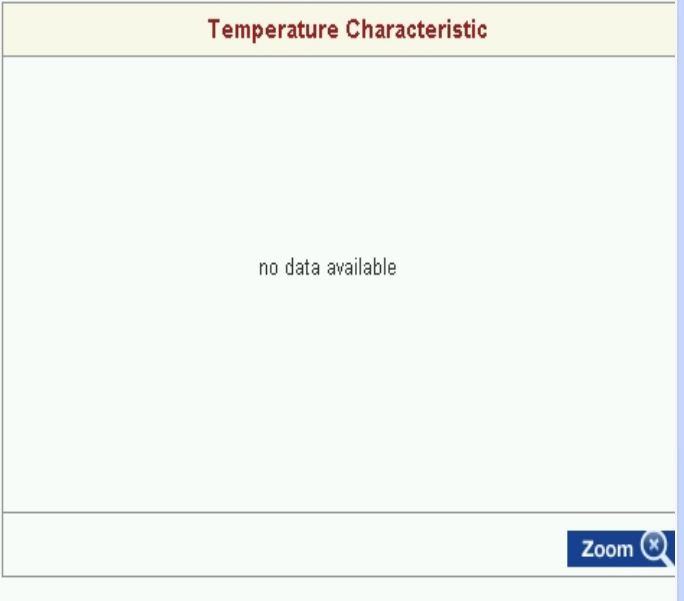
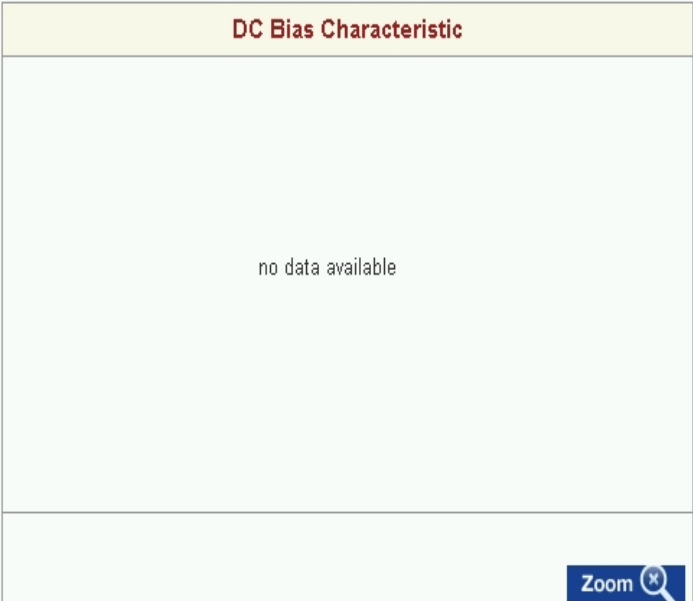
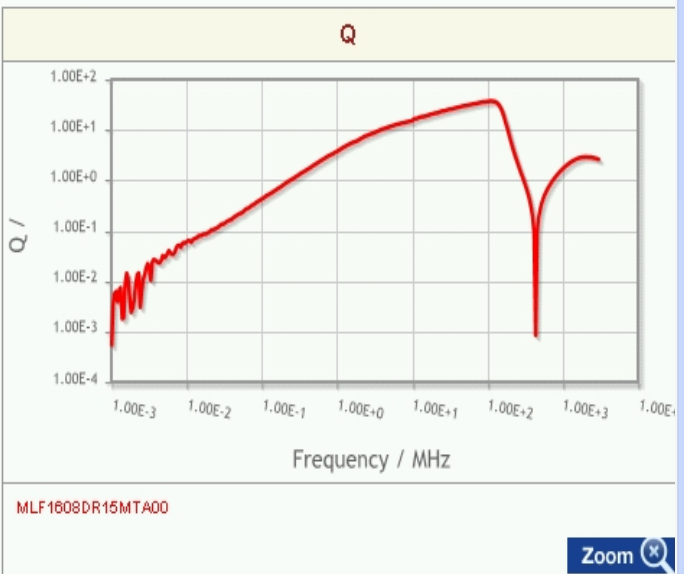
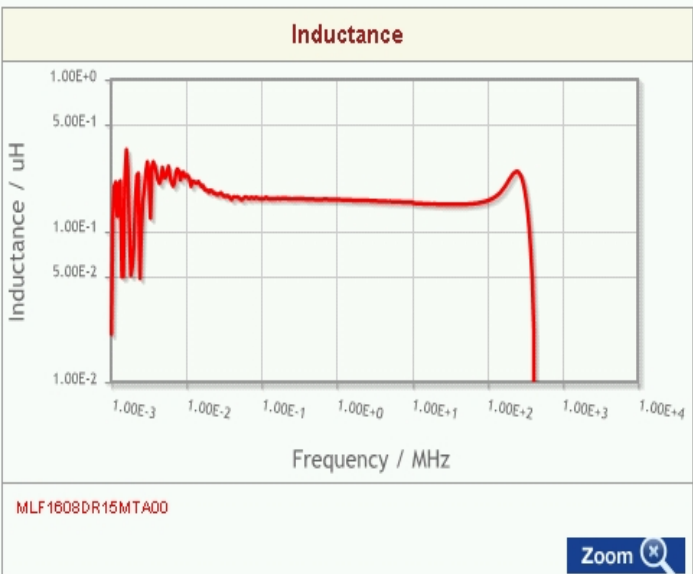
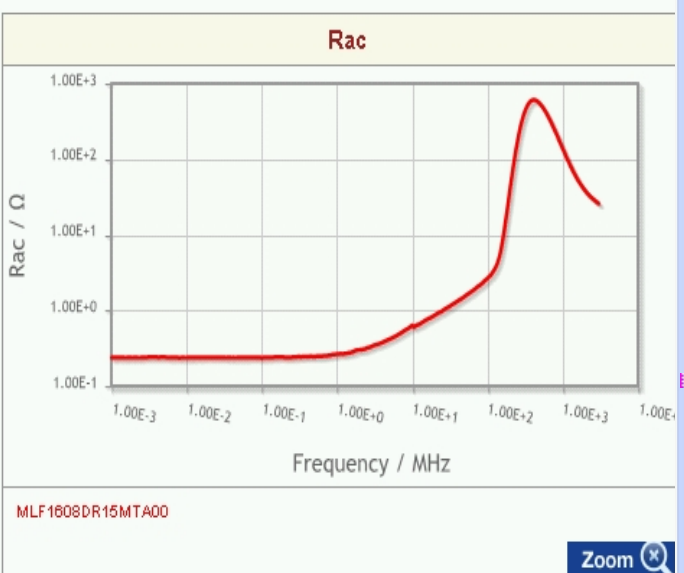
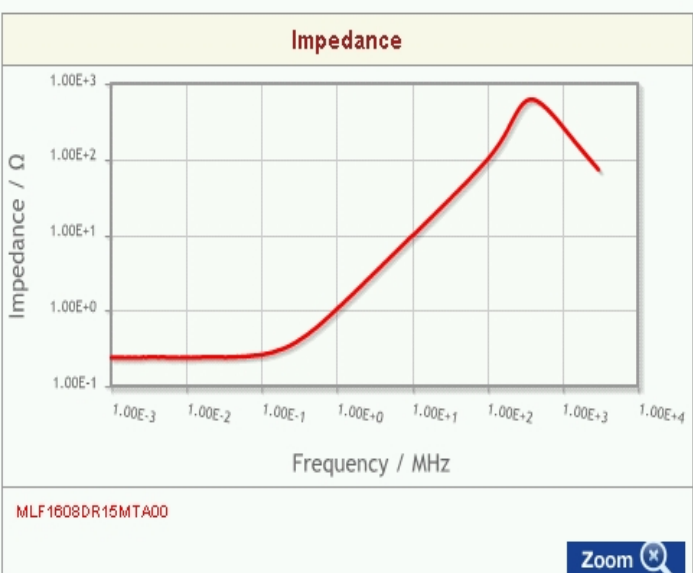
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Documents	
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Product Lineup	
FAQ	
[FAQ] What is a magnetic shield type?	

Design Tools	
S-parameter	
SPICE Netlist(Simple)	
SPICE Netlist(Precision)	Request
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

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» Wireless Charging

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