

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

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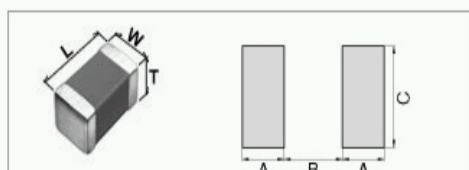
MLF1608E120MTD00 Inductors(Coils)

Applications Commercial Grade

Feature
 Multilayer
 Magnetic Shield
 Ferrite Core

Series MLF Series / MLF1608 Type

Status Production

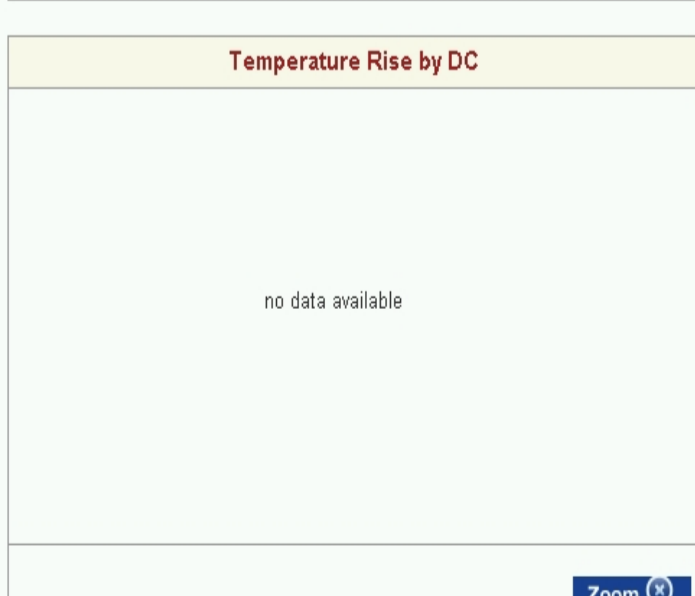
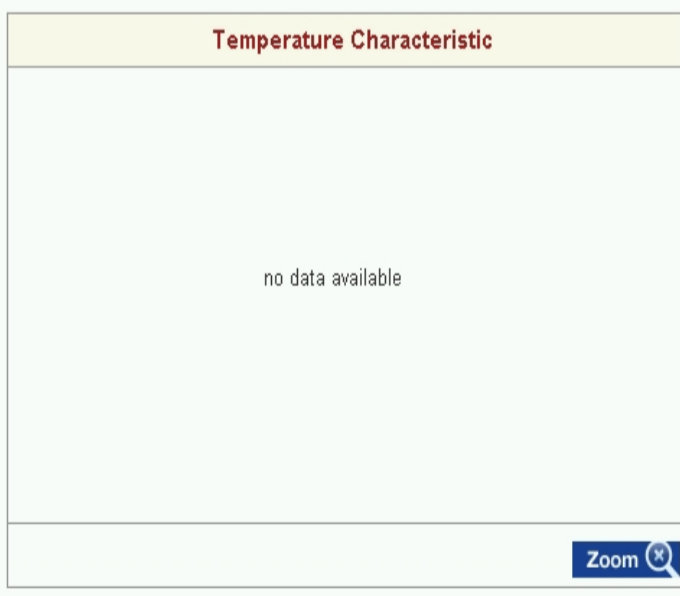
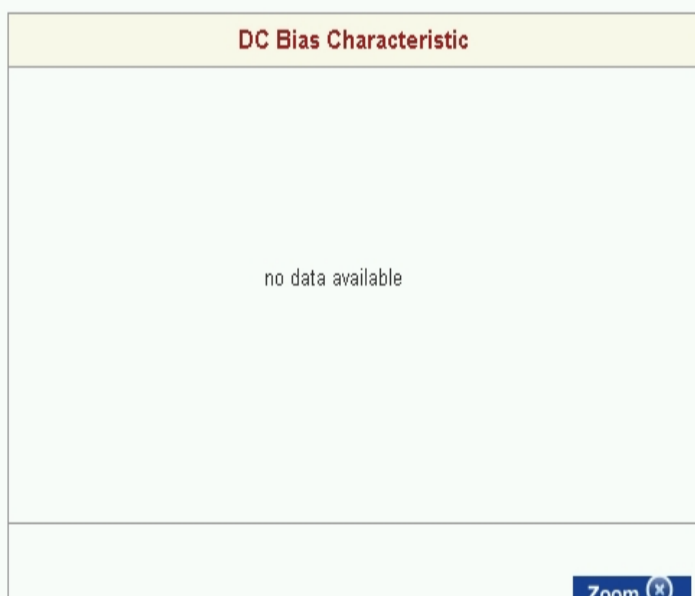
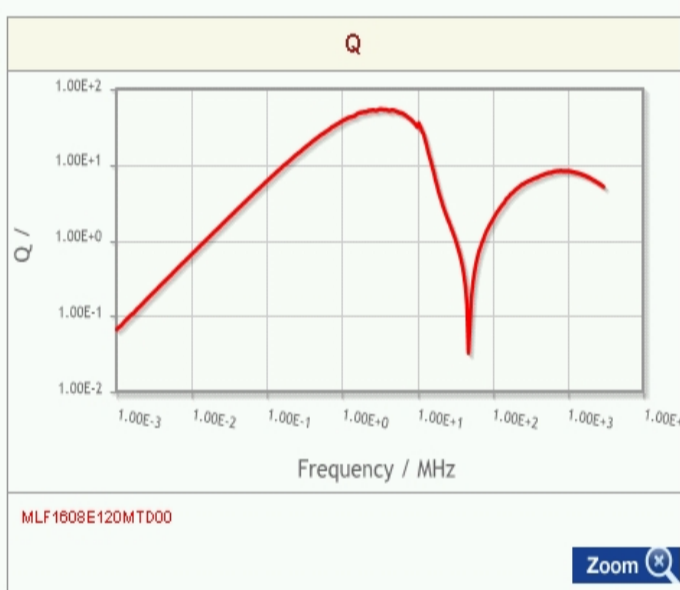
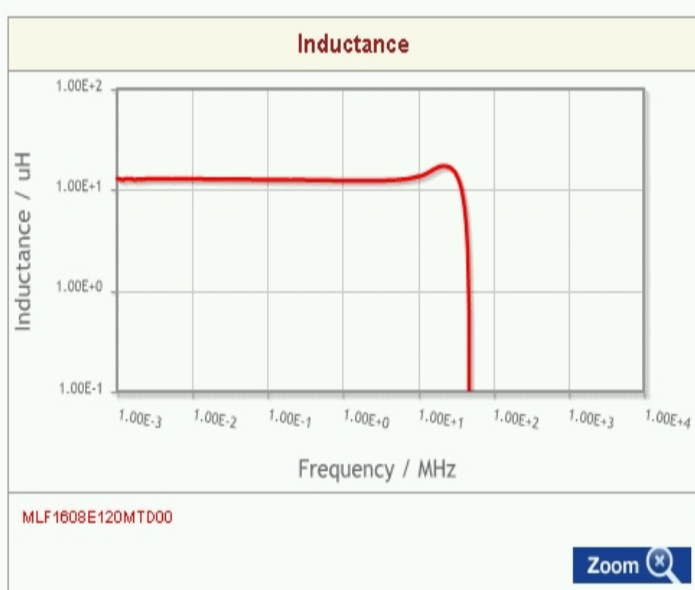
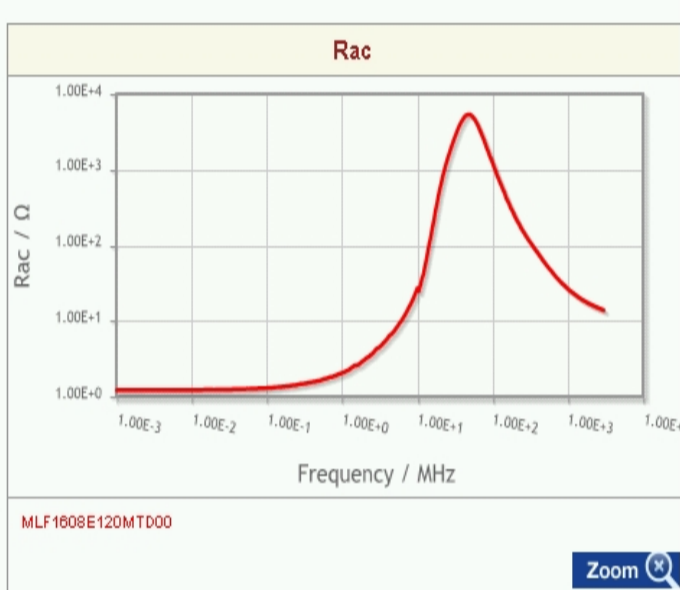
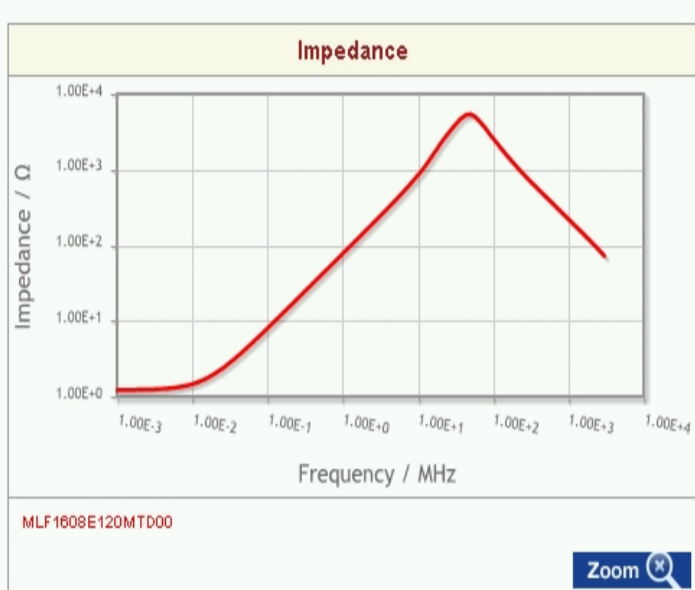


Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	0.80mm +/-0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	12uH +/-20% at 2MHz
Rated Current	10mA
Self-Resonant Frequency [Min.]	25MHz
Self-Resonant Frequency [Typ.]	45MHz
Q [Min.]	30 at 2MHz
Q [Typ.]	55 at 2MHz
DC Resistance [Nom.]	1.2Ω
DC Resistance [Max.]	1.8Ω

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

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



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