





MLF2012D82NMT000

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)	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.

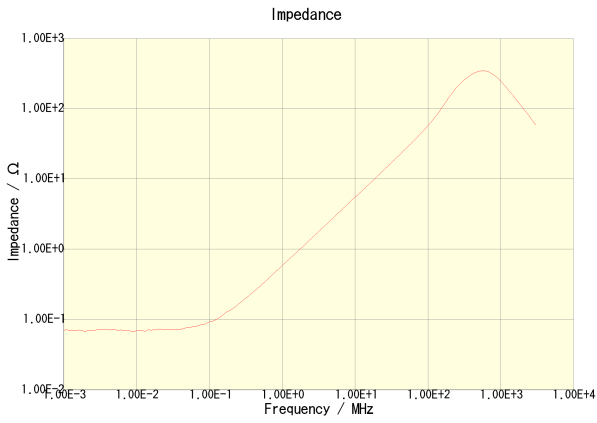
Electrical Characteristics	
Inductance	82nH +/-20% at 50MHz
Rated Current	300mA
Self-Resonant Frequency [Min.]	450MHz
Self-Resonant Frequency [Typ.]	550MHz
Q [Min.]	15 at 50MHz
Q [Typ.]	25 at 50MHz
DC Resistance [Nom.]	80mΩ
DC Resistance [Max.]	150mΩ

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

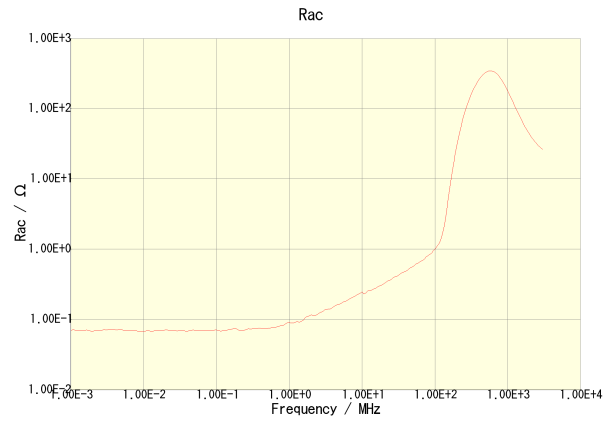
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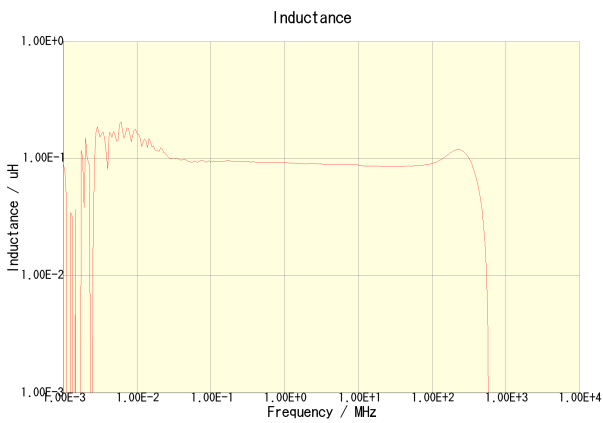
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



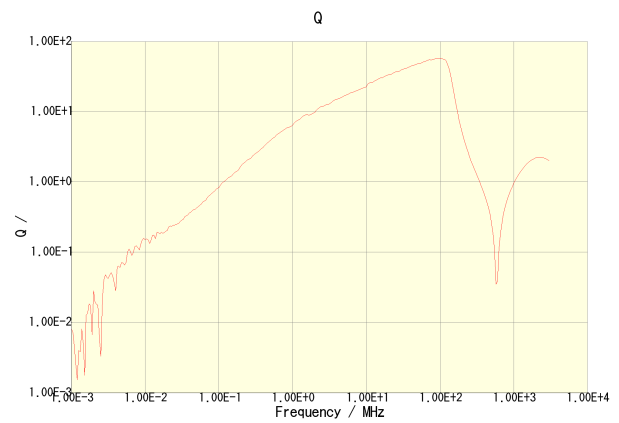
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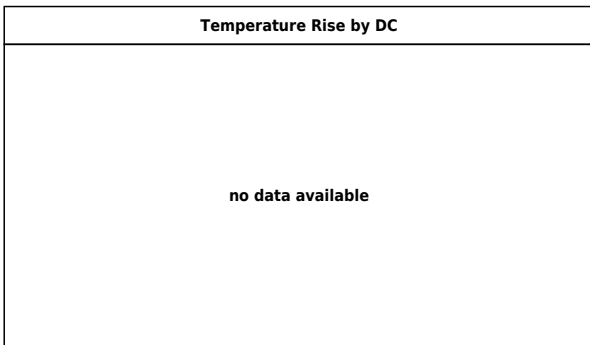
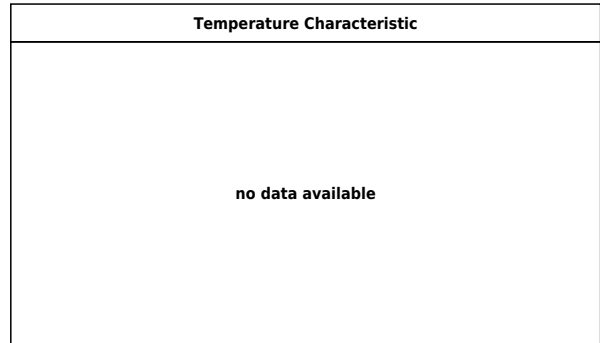
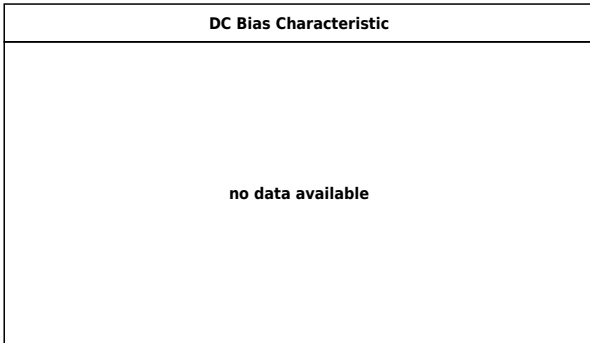


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