





MLF2012A4R7KT000

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)	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.

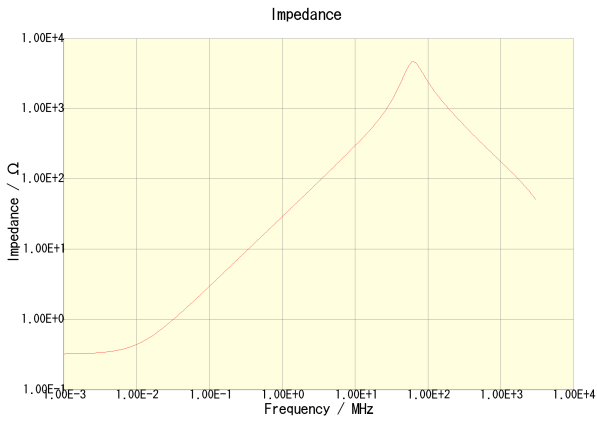
Electrical Characteristics	
Inductance	4.7uH +/-10% at 10MHz
Rated Current	30mA
Self-Resonant Frequency [Min.]	50MHz
Self-Resonant Frequency [Typ.]	70MHz
Q [Min.]	45 at 10MHz
Q [Typ.]	70 at 10MHz
DC Resistance [Nom.]	350mΩ
DC Resistance [Max.]	700mΩ

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

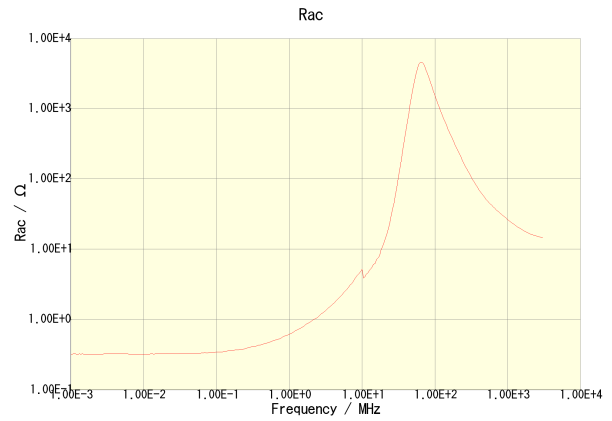
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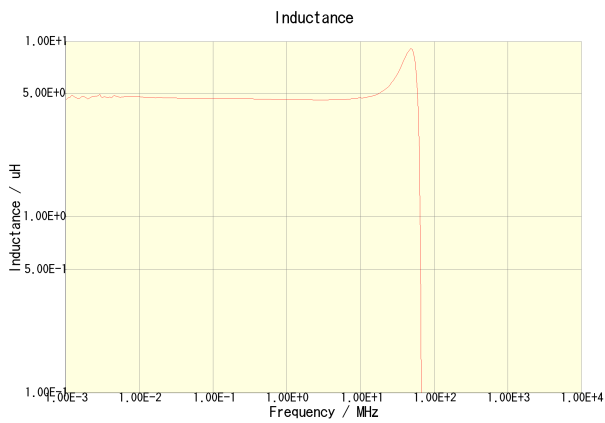
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



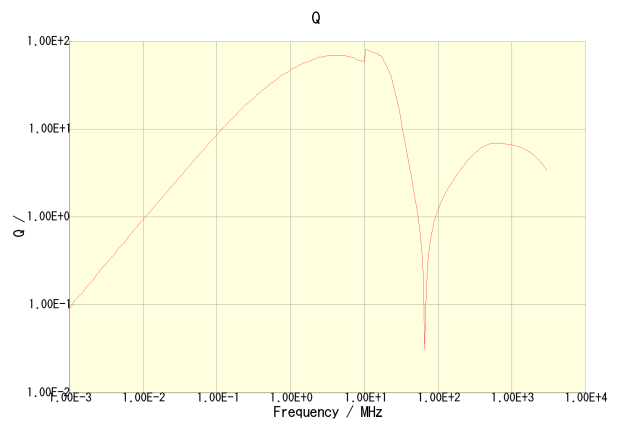
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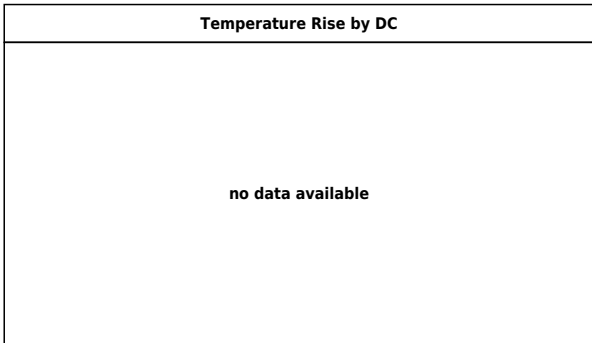
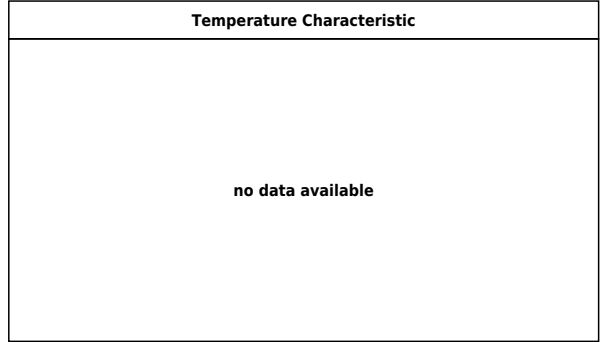
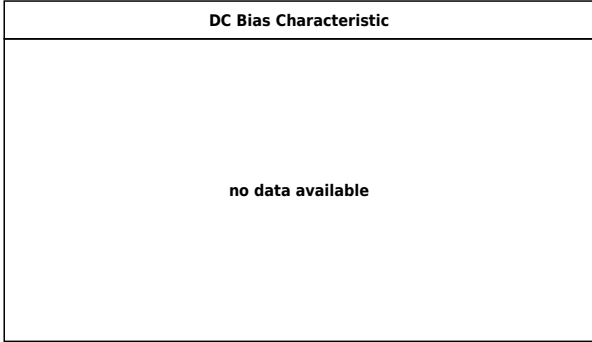


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