





MLF1608C180KTA00

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.

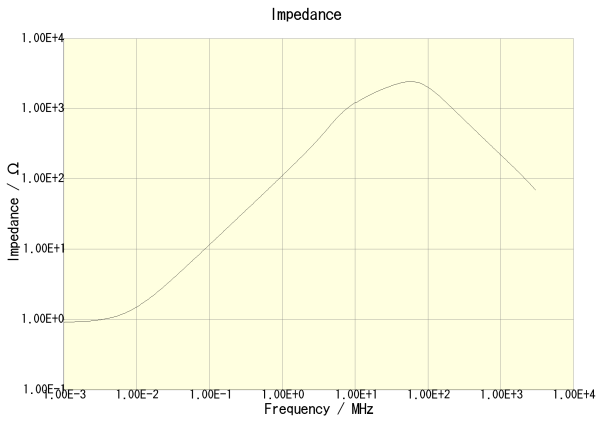
Electrical Characteristics	
Inductance	18uH +/-10% at 1MHz
Rated Current	2mA
Self-Resonant Frequency [Min.]	20MHz
Self-Resonant Frequency [Typ.]	40MHz
Q [Min.]	20 at 1MHz
Q [Typ.]	40 at 1MHz
DC Resistance [Nom.]	850mΩ
DC Resistance [Max.]	1.6Ω

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 85degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

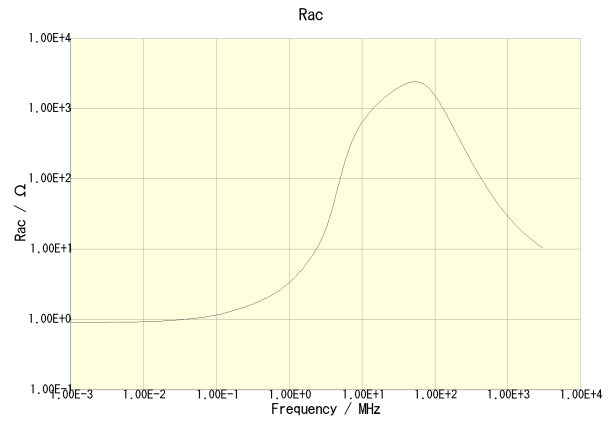
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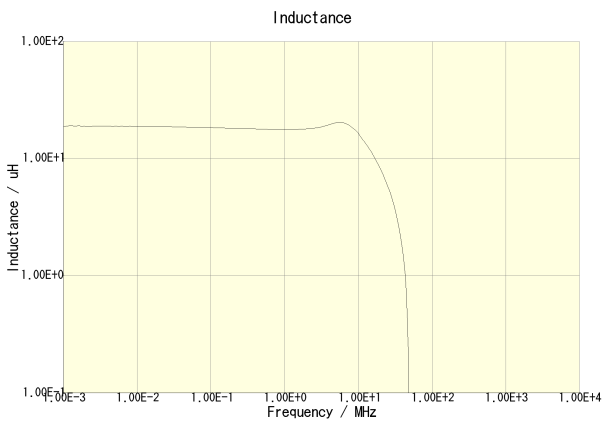
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



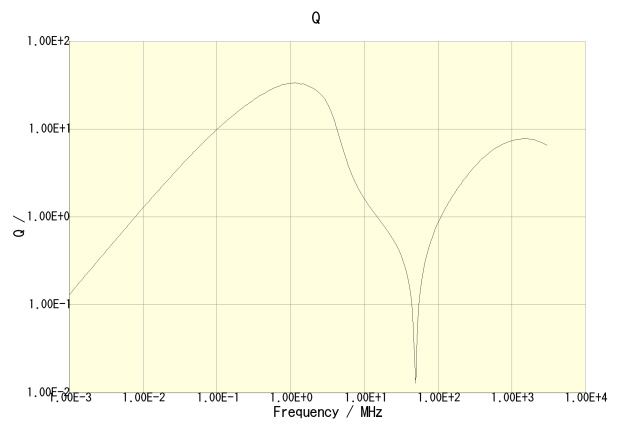
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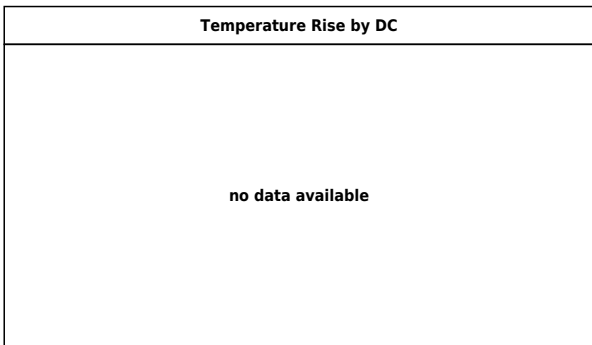
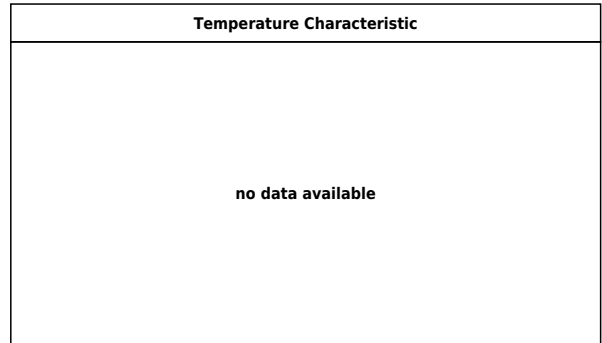
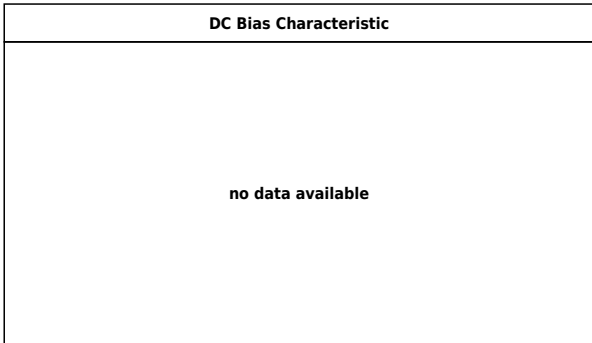


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