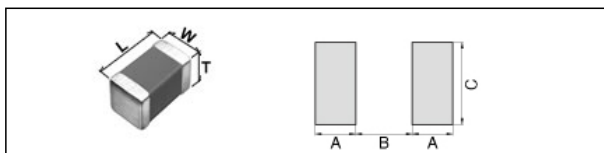


MLF1608D82NMTA00

Applications	 Commercial Grade
Feature	Multilayer Multilayer Shield Magnetic Shield Ferrite Core Ferrite Core
Series	MLF Series / MLF1608 Type
Status	Production



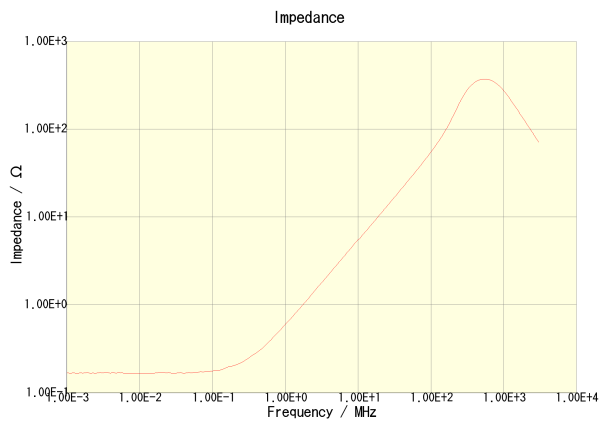
Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	0.80mm +/-0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	82nH +/-20% at 50MHz
Rated Current	200mA
Self-Resonant Frequency [Min.]	500MHz
Self-Resonant Frequency [Typ.]	650MHz
Q [Min.]	10 at 50MHz
Q [Typ.]	20 at 50MHz
DC Resistance [Nom.]	150mΩ
DC Resistance [Max.]	300mΩ

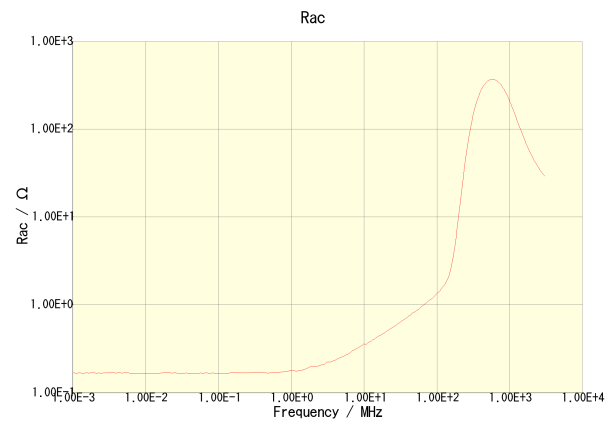
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

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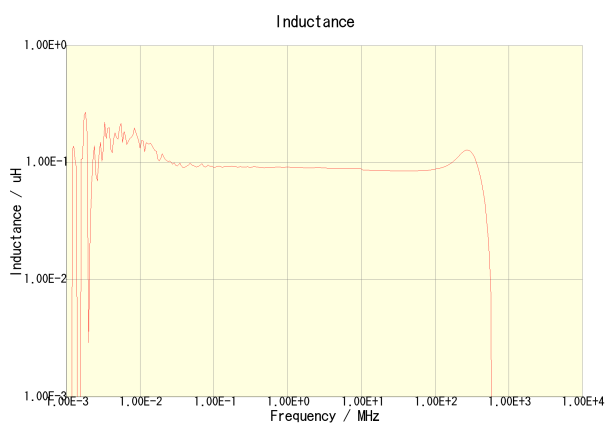
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



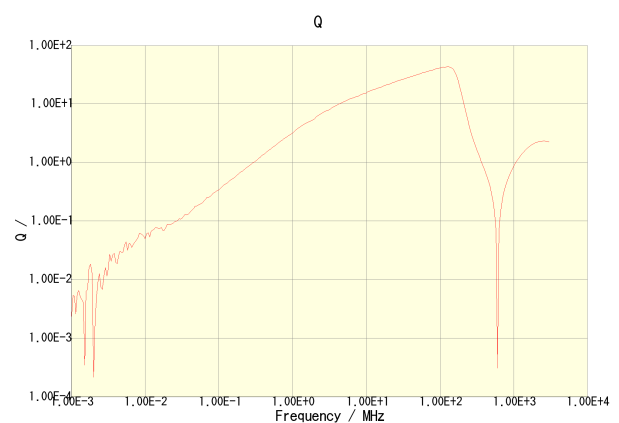
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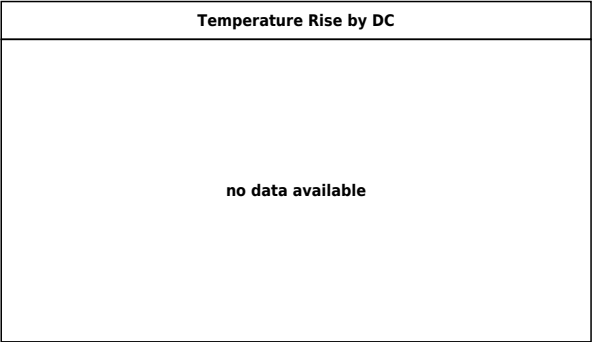
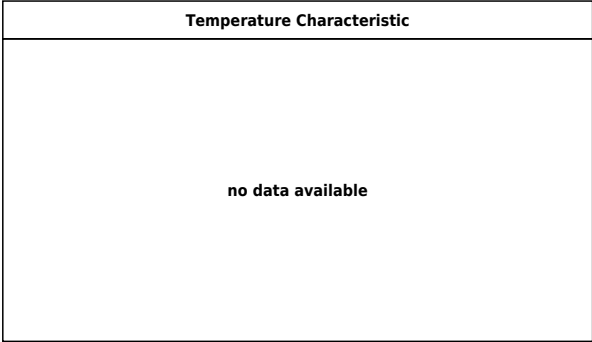
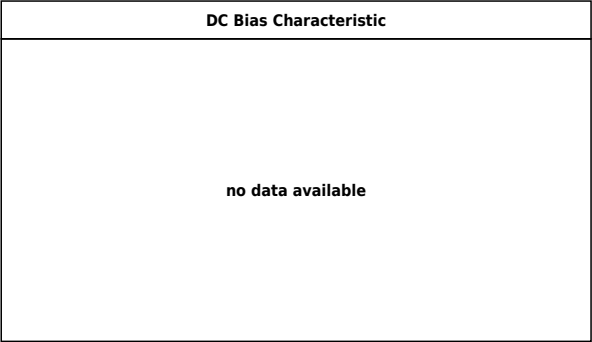
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Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



•This PDF document was created based on the data listed on the TDK Corporation website.
•All specifications are subject to change without notice.