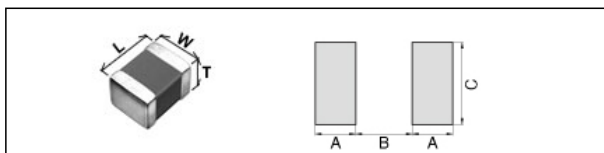


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Applications	 Commercial Grade
Feature	Multilayer Multilayer Shield Magnetic Shield Ferrite Core Ferrite Core
Series	MLF Series / MLF2012 Type
Status	Production



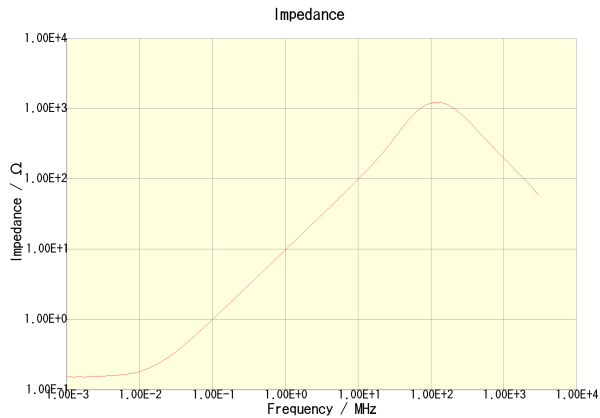
Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	0.85mm +/-0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	1.5uH +/-10% at 10MHz
Rated Current	80mA
Self-Resonant Frequency [Min.]	100MHz
Self-Resonant Frequency [Typ.]	140MHz
Q [Min.]	45 at 10MHz
Q [Typ.]	60 at 10MHz
DC Resistance [Nom.]	180mΩ
DC Resistance [Max.]	400mΩ

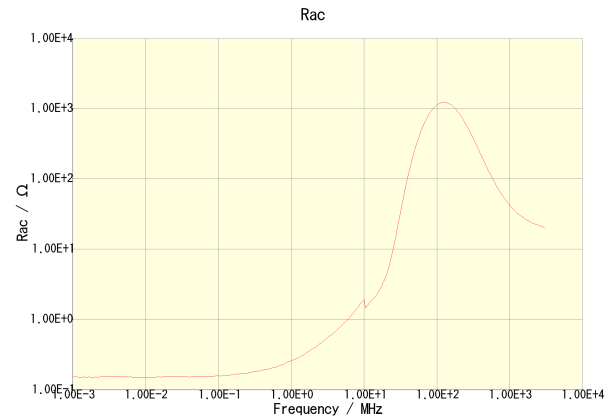
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.01g

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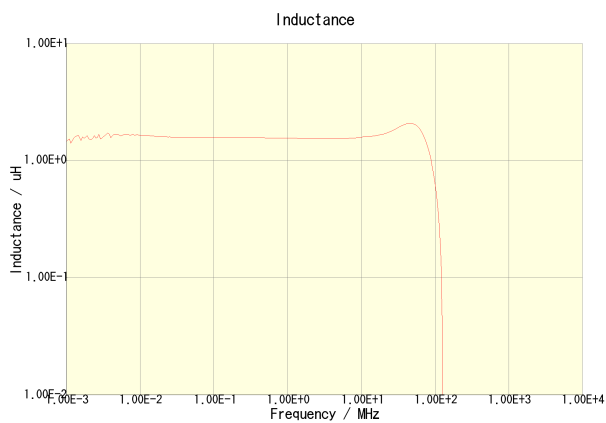
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



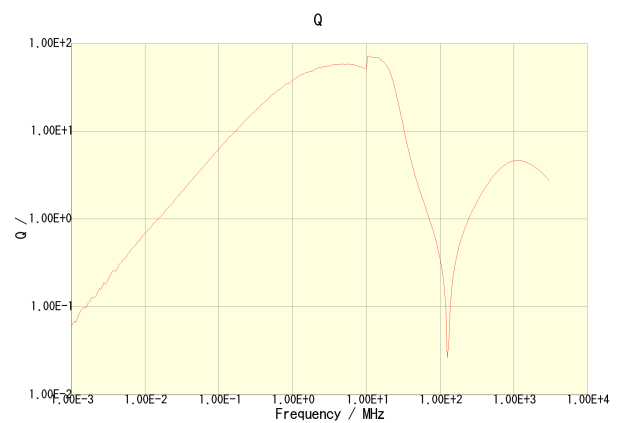
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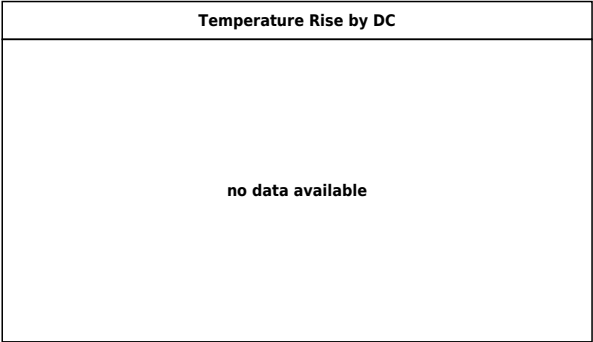
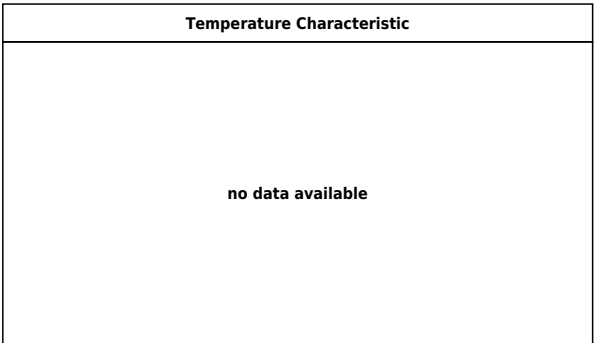
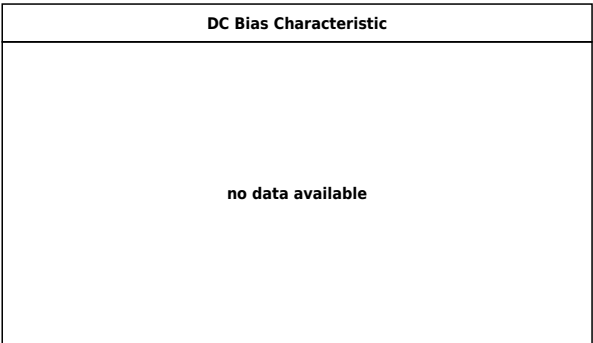
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Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



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