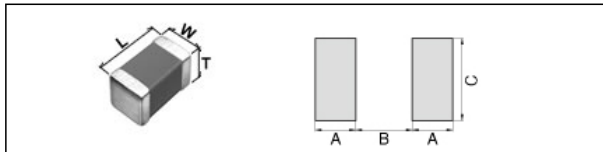


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Applications		Commercial Grade
Feature		Multilayer
		Magnetic Shield
		Ferrite Core
Series	MLF Series / MLF1608 Type	
Status	Production	



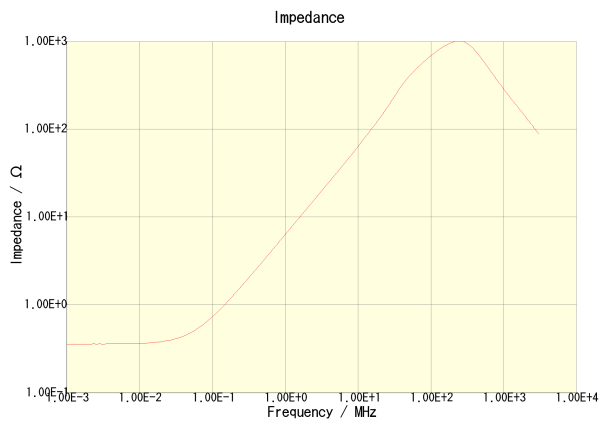
Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	0.80mm +/-0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	1uH +/-10% at 10MHz
Rated Current	50mA
Self-Resonant Frequency [Min.]	120MHz
Self-Resonant Frequency [Typ.]	170MHz
Q [Min.]	35 at 10MHz
Q [Typ.]	50 at 10MHz
DC Resistance [Nom.]	250mΩ
DC Resistance [Max.]	500mΩ

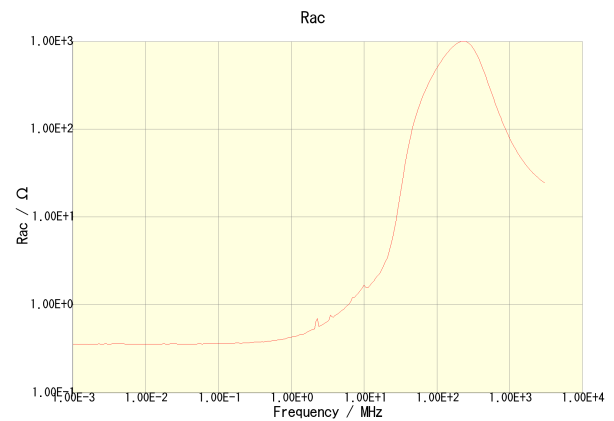
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

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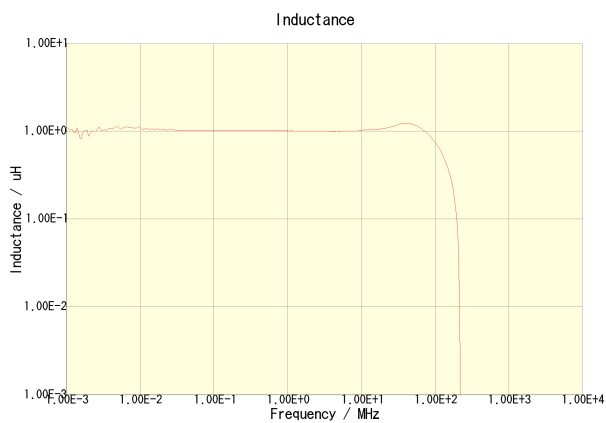
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



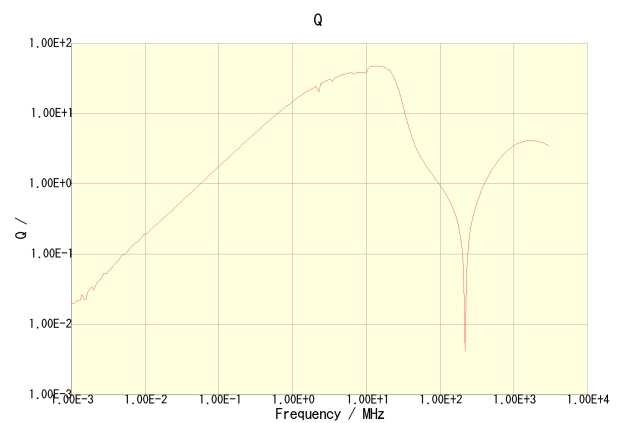
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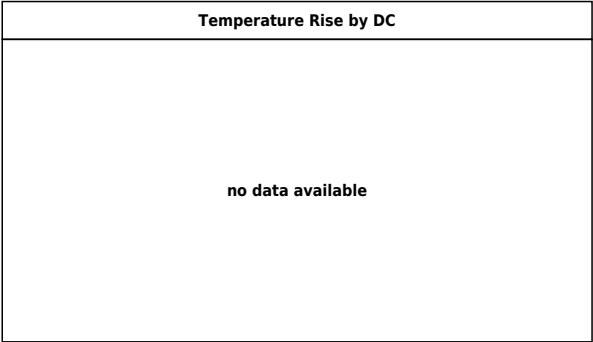
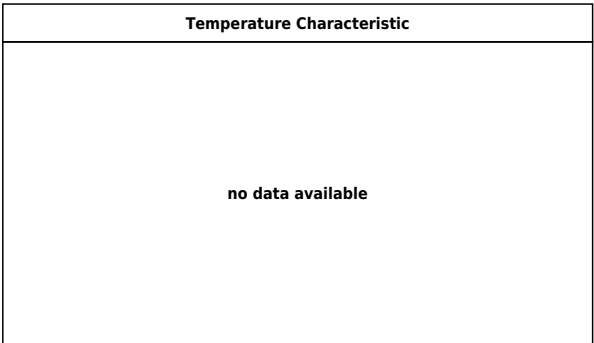
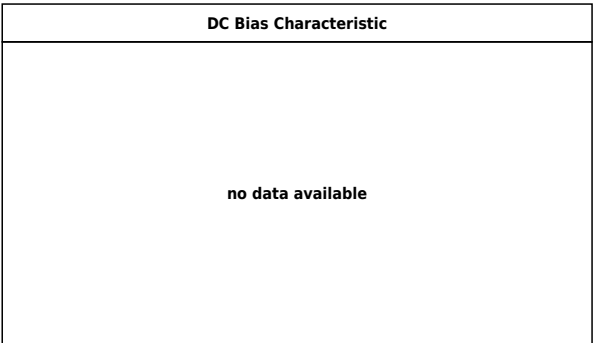
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Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



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