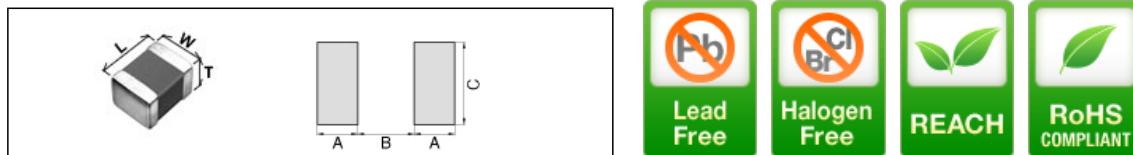


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Applications		Commercial Grade
Feature	<div style="display: flex; justify-content: space-around; align-items: center;">  Multilayer </div> <div style="display: flex; justify-content: space-around; align-items: center;">  Magnetic Shield </div> <div style="display: flex; justify-content: space-around; align-items: center;">  Ferrite Core </div>	
Series	MLF Series / MLF2012 Type	
Status	PROD	



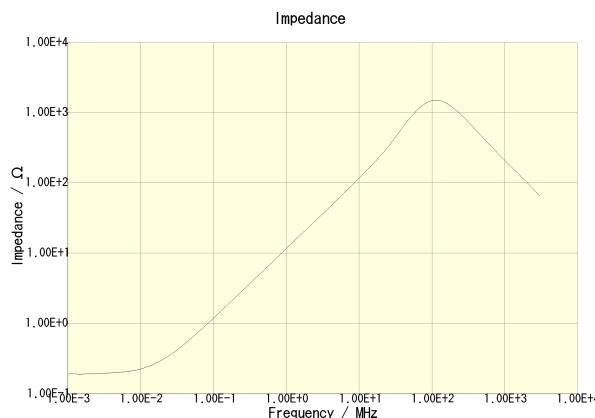
Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	0.85mm +/-0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	1.8uH +/-10% at 10MHz
Rated Current	80mA
Self-Resonant Frequency [Min.]	90MHz
Self-Resonant Frequency [Typ.]	130MHz
Q [Min.]	45 at 10MHz
Q [Typ.]	60 at 10MHz
DC Resistance [Nom.]	200mΩ
DC Resistance [Max.]	450mΩ

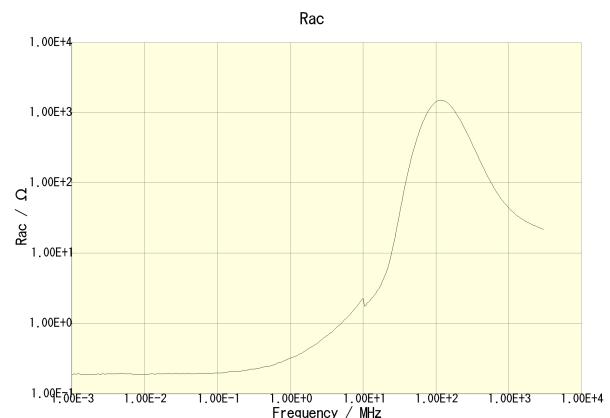
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.01g

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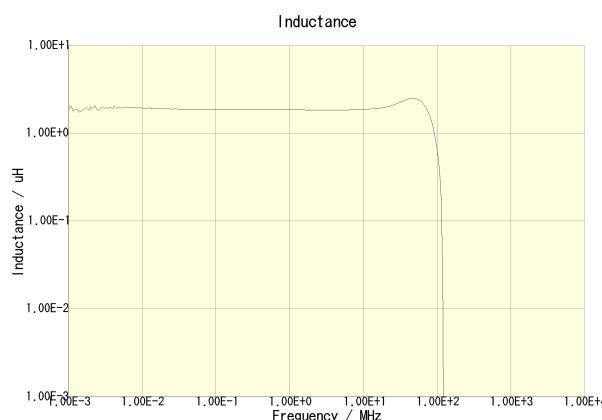
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



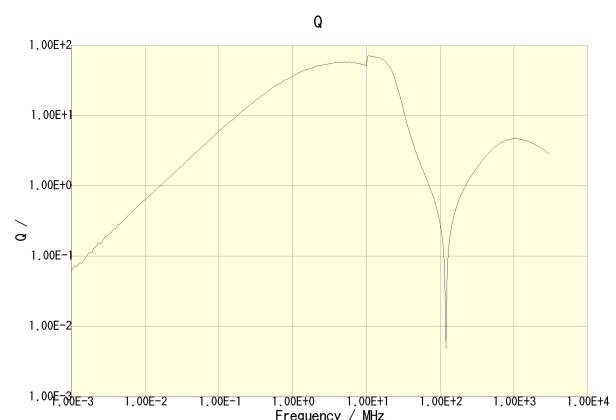
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•This PDF document was created based on the data listed on the TDK Corporation website.

•All specifications are subject to change without notice.

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

DC Bias Characteristic

no data available

Temperature Characteristic

no data available

Temperature Rise by DC

no data available