
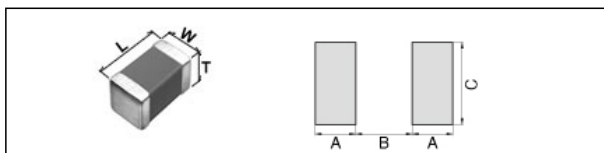


# MLF1005L1R0KT000

Applications	 Commercial Grade
Feature	<div>Multilayer Multilayer</div> <div>Shield Magnetic Shield</div> <div>Ferrite Core Ferrite Core</div>
Series	MLF Series / MLF1005 Type
Status	Production (Recommended Alternate Part is available.)(Recommended Alternate Part Number:MLF1005G1R0KT000)



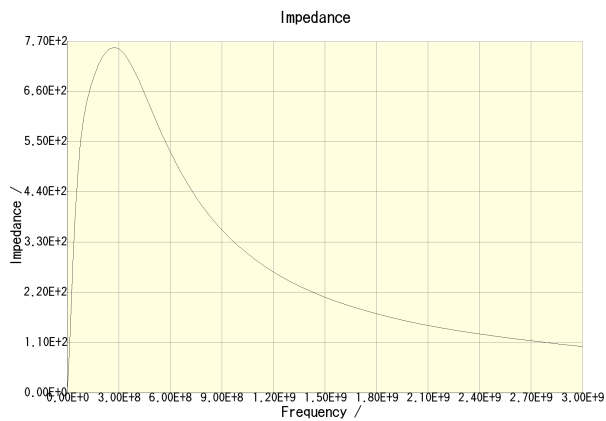
Size	
Length(L)	1.00mm +/-0.05mm
Width(W)	0.50mm +/-0.05mm
Thickness(T)	0.50mm +/-0.05mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

Electrical Characteristics	
Inductance	1uH +/-10% at 10MHz
Rated Current	35mA
Self-Resonant Frequency [Min.]	120MHz
Self-Resonant Frequency [Typ.]	
Q [Min.]	25 at 10MHz
Q [Typ.]	
DC Resistance [Nom.]	
DC Resistance [Max.]	640mΩ

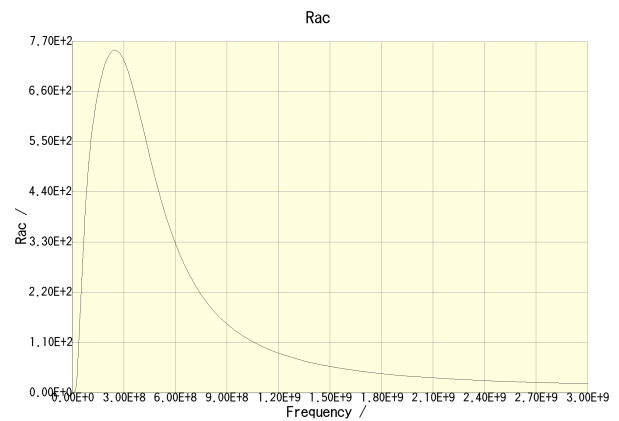
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 85degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000Pcs Min.
Weight	0.0012g

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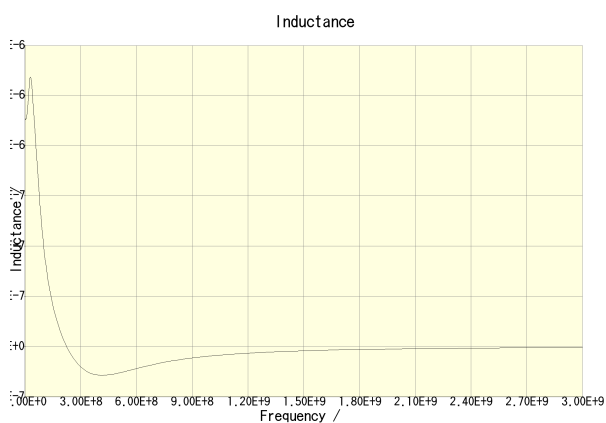
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



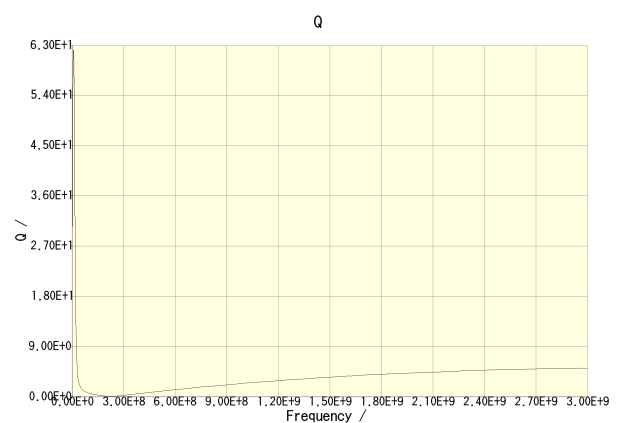
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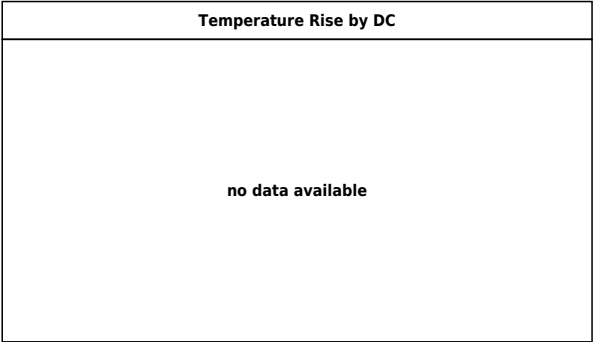
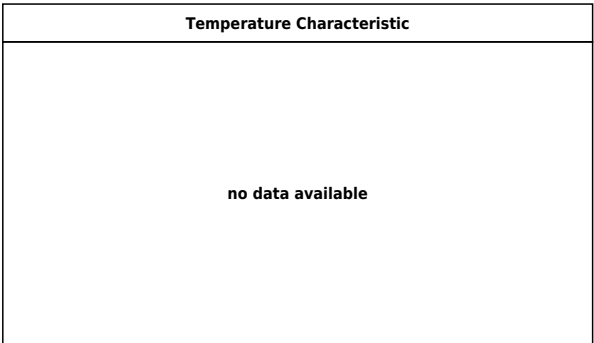
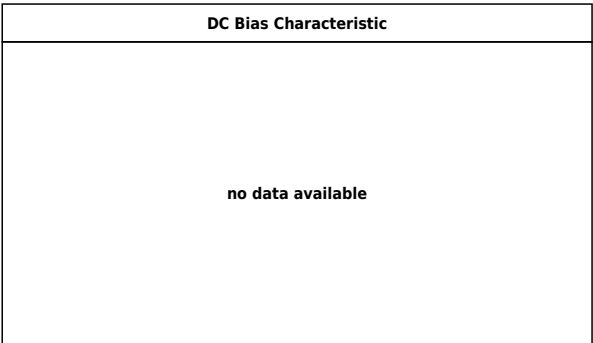
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•This PDF document was created based on the data listed on the TDK Corporation website.  
•All specifications are subject to change without notice.