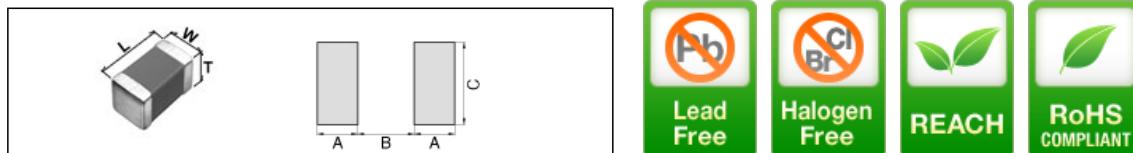


MLF1005L1R0KT000

Applications		Commercial Grade
Feature	<div style="display: flex; justify-content: space-around;"> <div> Multilayer</div> <div> Magnetic Shield</div> <div> Ferrite Core</div> </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

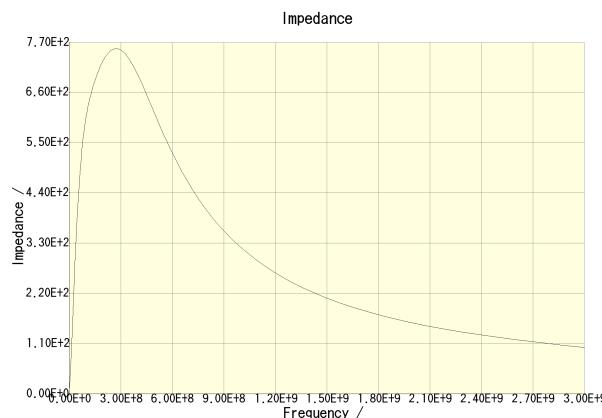
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 85degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000Pcs Min.
Weight	0.0012g

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

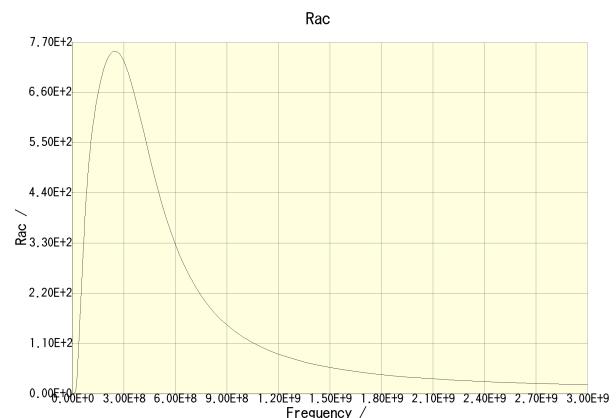
•All specifications are subject to change without notice.

MLF1005L1R0KT000

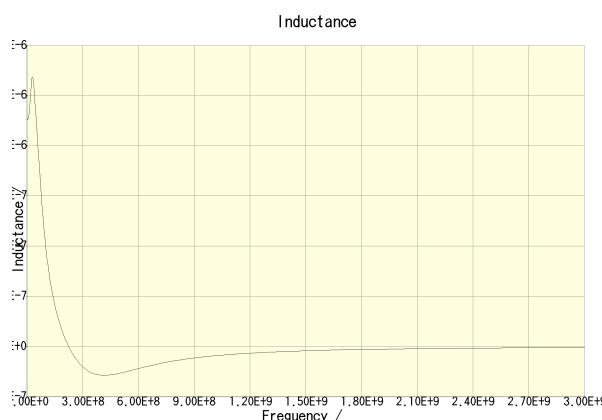
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



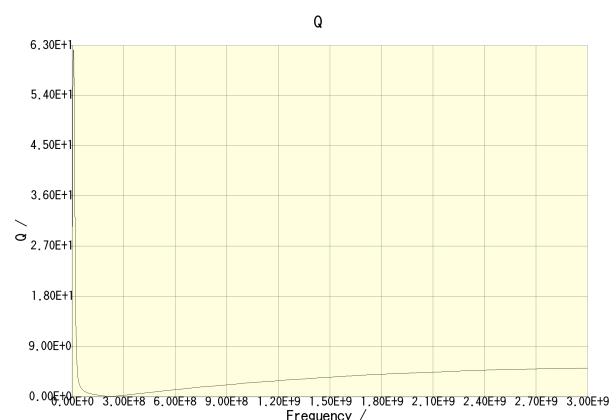
MLF1005L1R0KT000



MLF1005L1R0KT000



MLF1005L1R0KT000



MLF1005L1R0KT000

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

•All specifications are subject to change without notice.

MLF1005L1R0KT000

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