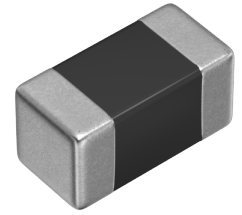


Applications	Commercial Grade
Feature	<div style="border: 1px solid red; padding: 2px; display: inline-block;">Multilayer</div> Multilayer <div style="border: 1px solid green; padding: 2px; display: inline-block;">Shield</div> Magnetic Shield <div style="border: 1px solid gray; padding: 2px; display: inline-block;">Ferrite Core</div> Ferrite Core
Series Type	MLF
Status	<div style="border: 1px solid red; padding: 2px; display: inline-block;">⚠</div> Obsolete Recommended Alternate Part No. : MLF1005G2R2KT000 (Interchangeability is not guaranteed.) Discontinue Issue Date : Aug.5, 2019 Last Purchase Order Date : Mar.31, 2021 Last Shipment Date : Sep.30, 2021
Brand	TDK



Size	
Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness Height	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.

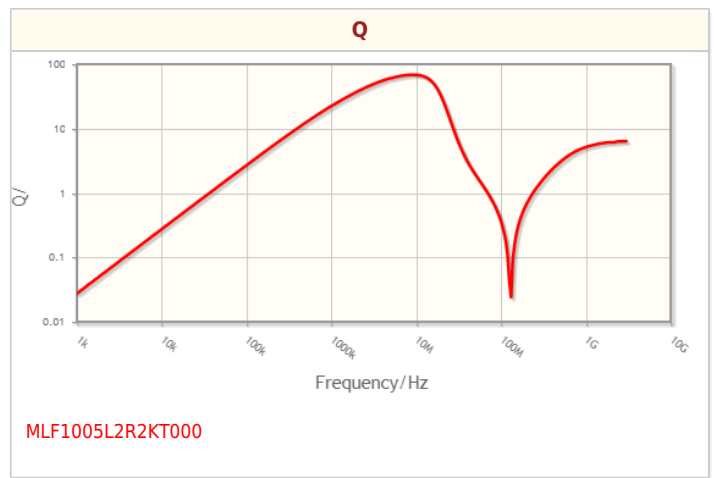
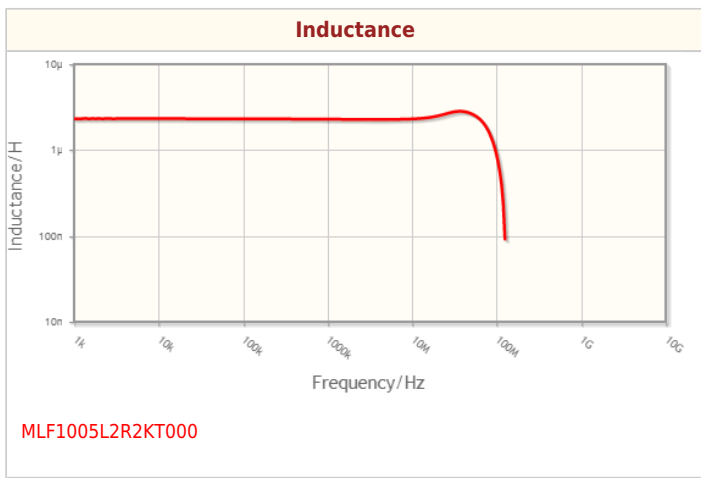
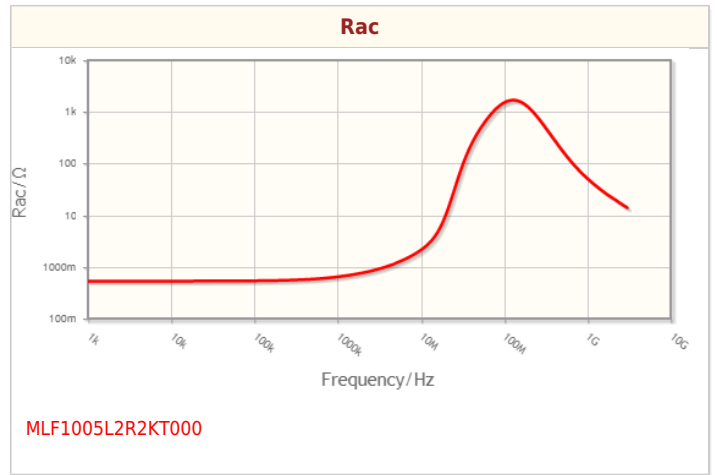
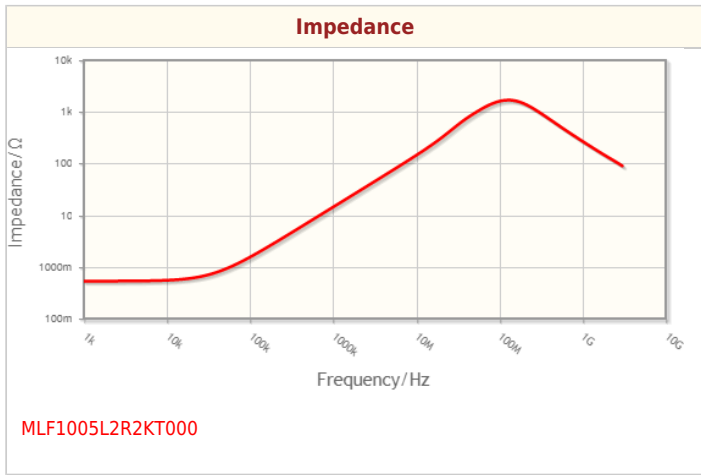
Electrical Characteristics	
Inductance	2.2µH ±10% at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	15mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	
DC Resistance [Max.]	1.15Ω
Self Resonant Frequency [Min.]	80MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	25 at 10MHz
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 85°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]

! Images are for reference only and show exemplary products.
 ! This PDF document was created based on the data listed on the TDK Corporation website.
 ! All specifications are subject to change without notice.

Package Quantity	10000pcs
Weight	0.0012g

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



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Associated Images

