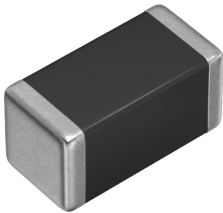


MLF1005GR39JT000



Applications	Commercial Grade
Feature	No Directivity
	Multilayer
	Magnetic Shield
	Ferrite Core
Series   Type	MLF
Status	Production
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	390nH ±5% at 10MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	50mA
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	240mΩ
DC Resistance [Max.]	410mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	210MHz
Self Resonant Frequency [Typ.]	600MHz
Q [Min.]	30 at 10MHz
Q [Typ.]	50 at 10MHz

Other	
Operating Temp. Range	-55 to 125°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.

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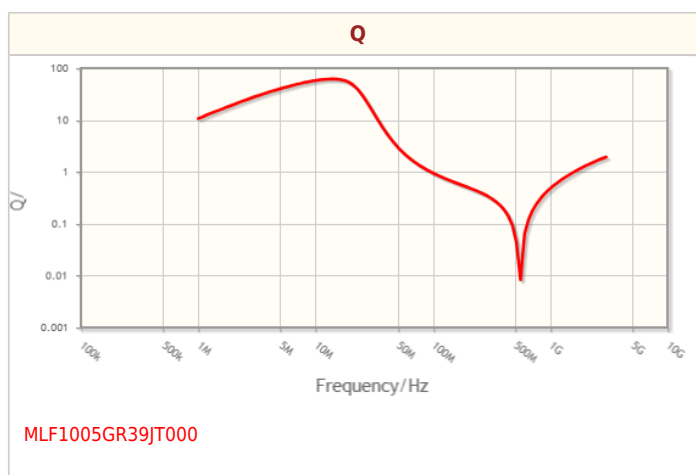
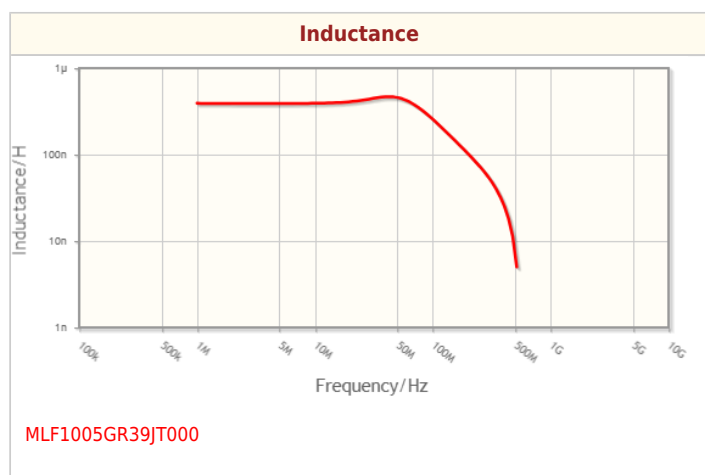
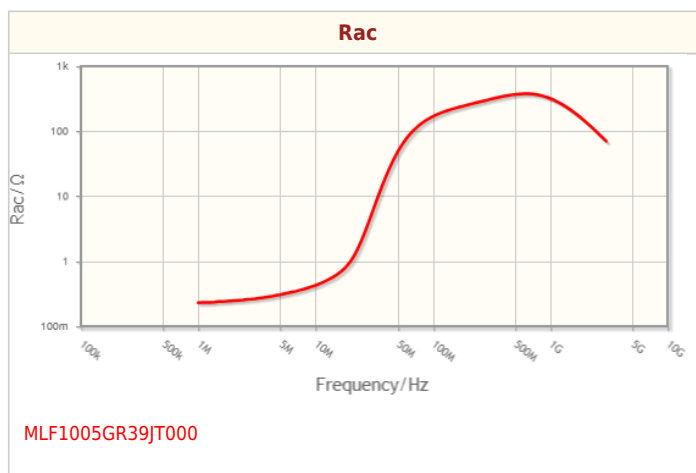
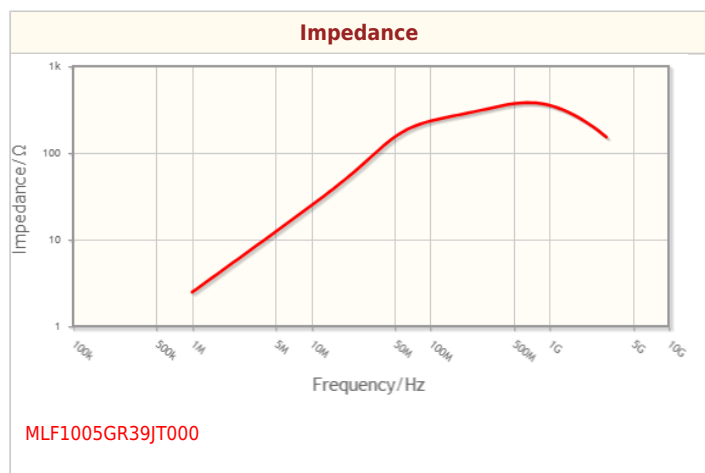


Package Quantity	10000pcs
Weight	0.0012g

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





# Associated Images

