



Applications	 Commercial Grade
Feature	Multilayer Multilayer
	Non-Mag Core Non-Magnetic Core (Dielectric Ceramic)
Series Type	MLG
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.

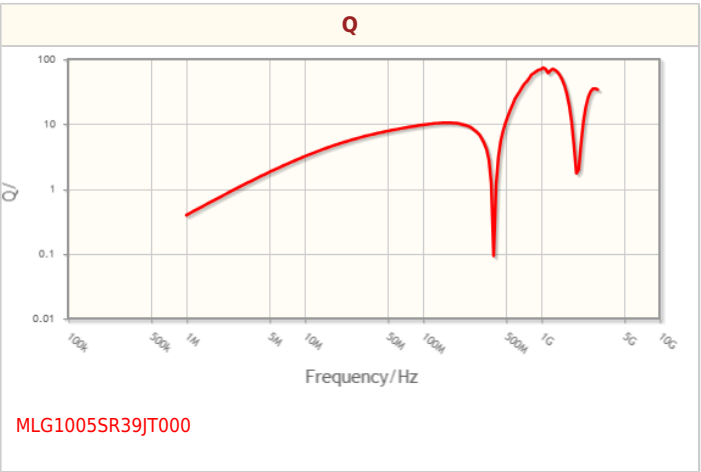
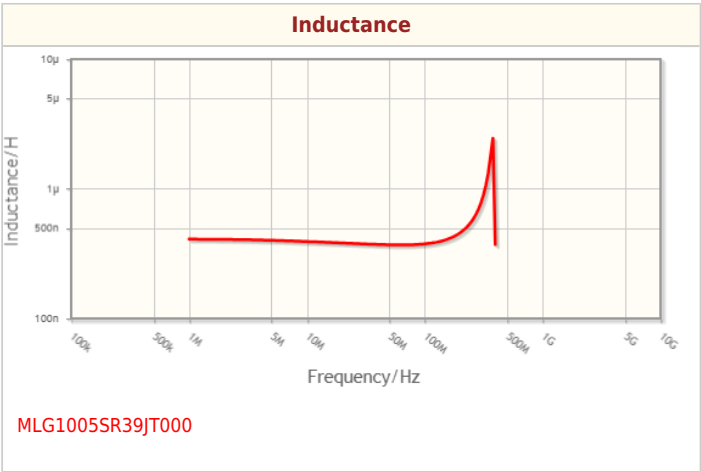
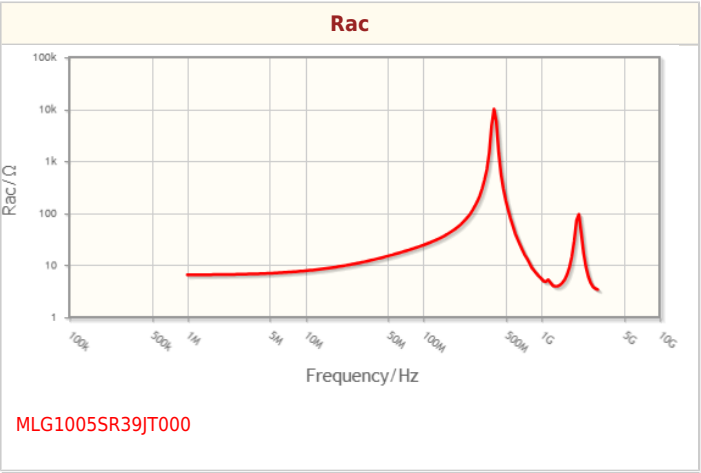
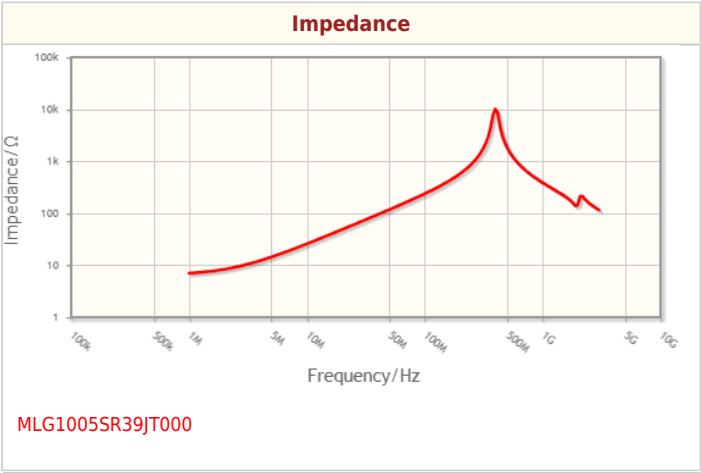
Electrical Characteristics	
Inductance	390nH ±5% at 50MHz
Rated Current	50mA
DC Resistance [Typ.]	5.97Ω
DC Resistance [Max.]	8Ω
Self Resonant Frequency [Min.]	300MHz
Self Resonant Frequency [Typ.]	400MHz
Q [Min.]	6 at 50MHz
Q [Typ.]	8 at 50MHz

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	10000pcs
Weight	0.001g

MLG1005SR39JT000



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





Associated Images

