



MLG1005S15NHT000



Applications	 Commercial Grade
Feature	<div>Multilayer</div> Multilayer
	<div>Non-Mag Core</div> 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.

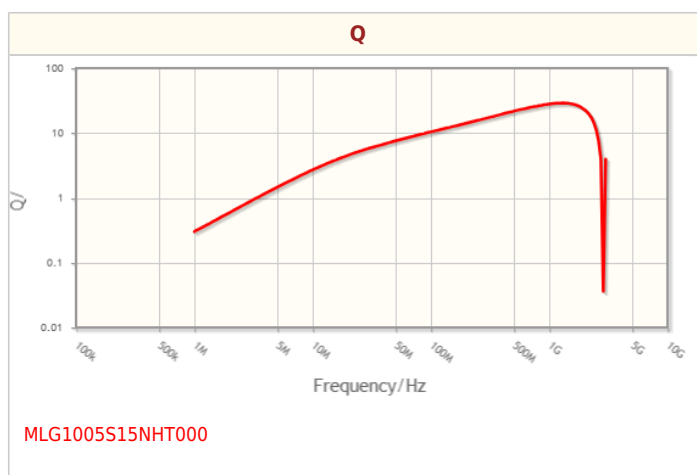
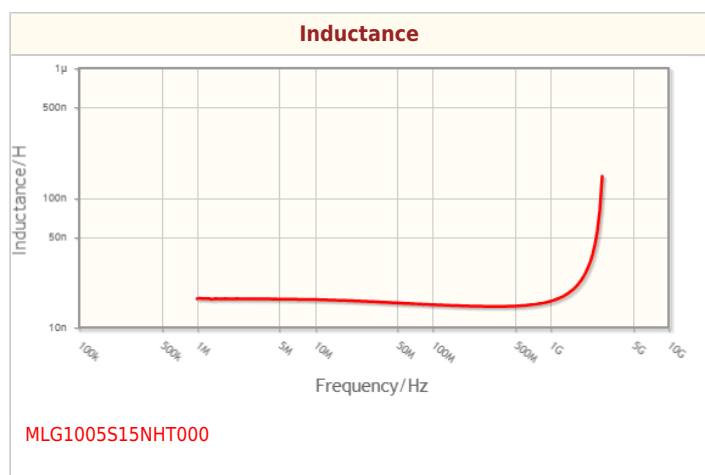
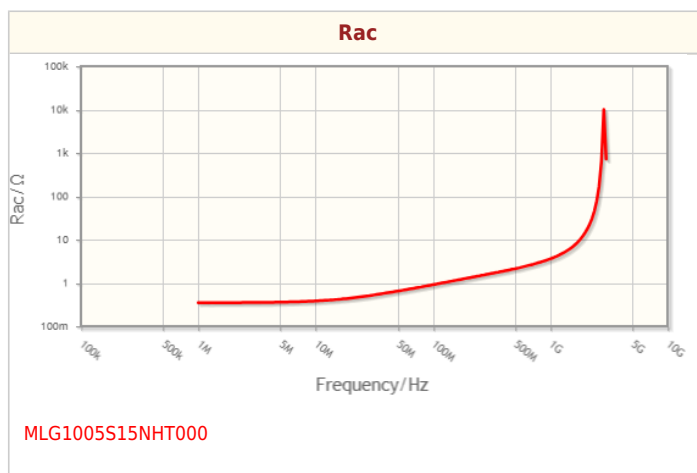
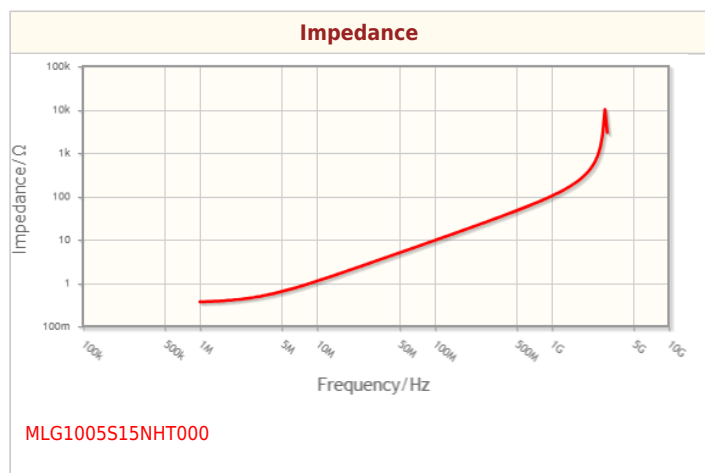
Electrical Characteristics	
Inductance	15nH ±3% at 100MHz
Rated Current	400mA
DC Resistance [Typ.]	350mΩ
DC Resistance [Max.]	550mΩ
Self Resonant Frequency [Min.]	2.2GHz
Self Resonant Frequency [Typ.]	2.8GHz
Q [Min.]	8 at 100MHz
Q [Typ.]	11 at 100MHz

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

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



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# Associated Images

