MLG1005S15NHT000









Applications	Commercial Grade	
Feature	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	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	
Soldering Method	Iron Soldering	
AEC-Q200	NO	
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]	
Package Quantity	10000pcs	
Weight	0.001g	

[!] Images are for reference only and show exemplary products.

[!] This PDF document was created based on the data listed on the TDK Corporation website.

 $^{! \ \}mbox{All specifications}$ are subject to change without notice.



MLG1005S15NHT000

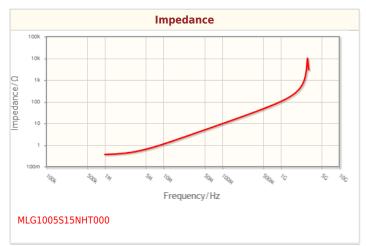


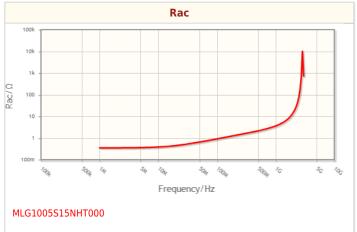


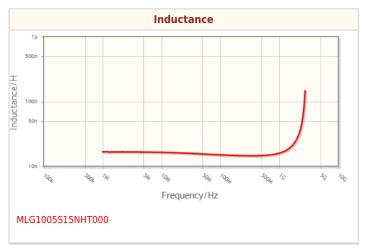


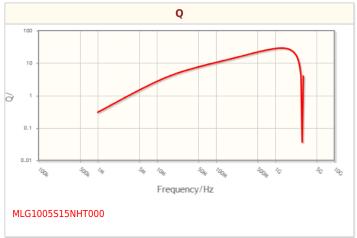


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)









! 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.

MLG1005S15NHT000

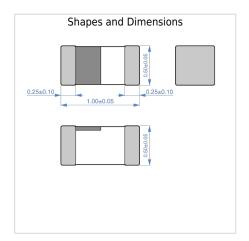


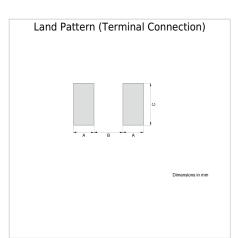






Associated Images





 $^{! \ \}mbox{Images}$ are for reference only and show exemplary products.

[!] This PDF document was created based on the data listed on the TDK Corporation website.

 $^{! \ \}mbox{All specifications}$ are subject to change without notice.