## **<b>&TDK** SMD / SMT Inductors (Coils) MLG1005S22NHT000

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.		

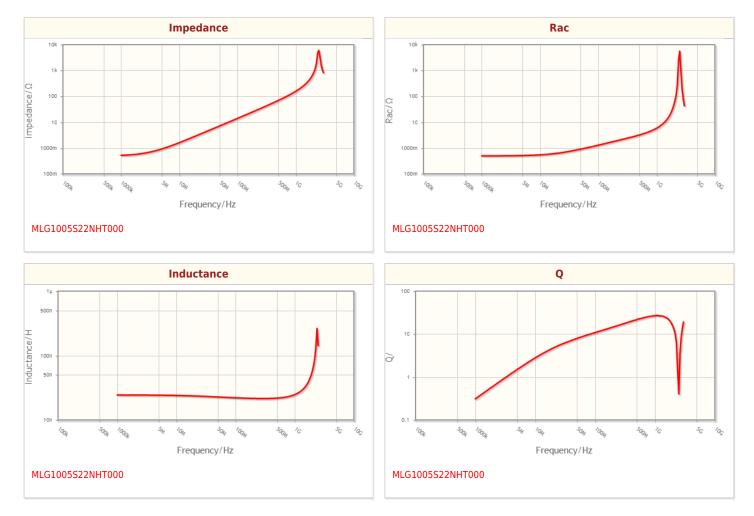
Electrical Characteristics			
Inductance	22nH ±3% at 100MHz		
Rated Current	350mA		
DC Resistance [Typ.]	460mΩ		
DC Resistance [Max.]	700mΩ		
Self Resonant Frequency [Min.]	1.7GHz		
Self Resonant Frequency [Typ.]	2.2GHz		
Q [Min.]	8 at 100MHz		
Q [Typ.]	11 at 100MHz		

Other			
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C		
Coldering Mathed	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.
! All specifications are subject to change without notice.

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

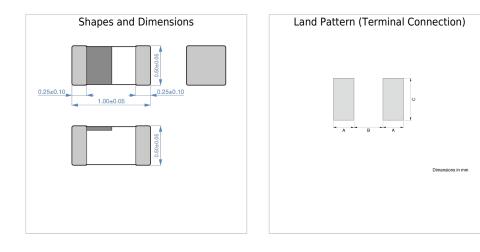


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RoHS Reach Halogen Free Pb Free

## Associated Images



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