

MLG1005S1N5CT000

RoHS Reach Halogen Free Pb Free

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	1.5nH ±0.2nH at 100MHz	
Rated Current	1A	
DC Resistance [Typ.]	60mΩ	
DC Resistance [Max.]	100mΩ	
Self Resonant Frequency [Min.]	8GHz	
Self Resonant Frequency [Typ.]	9.6GHz	
Q [Min.]	7 at 100MHz	
Q [Typ.]	11 at 100MHz	

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

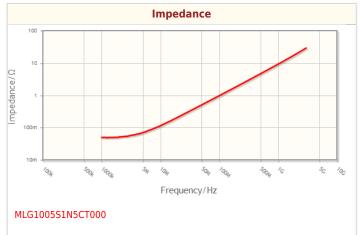
[!] Images are for reference only and show exemplary products.

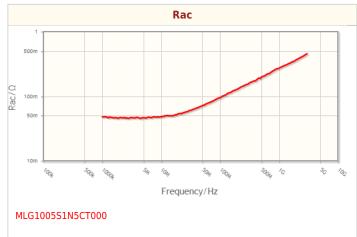
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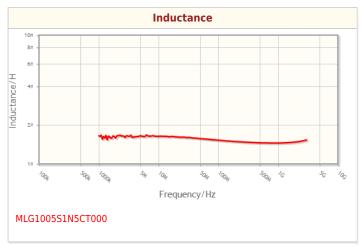
 $^{! \ \}mbox{All specifications}$ are subject to change without notice.

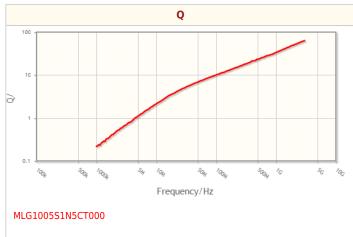
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)









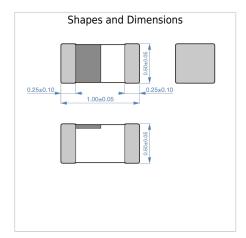
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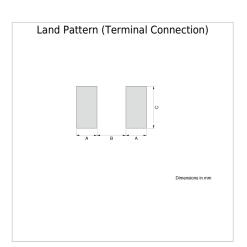
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Associated Images





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