

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)	0.60mm ±0.03mm	
Width(W)	0.30mm ±0.03mm	
Thickness   Height	0.30mm ±0.03mm	
Recommended Land Pattern (A)	0.25mm Nom.	
Recommended Land Pattern (B)	0.30mm Nom.	
Recommended Land Pattern (C)	0.30mm Nom.	

Electrical Characteristics		
Inductance	1.8nH ±0.2nH at 100MHz	
Rated Current	500mA	
DC Resistance [Typ.]	120mΩ	
DC Resistance [Max.]	200mΩ	
Self Resonant Frequency [Min.]	8.5GHz	
Self Resonant Frequency [Typ.]	10GHz	
Q [Min.]	4 at 100MHz	
Q [Typ.]		

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	15000pcs		
Weight	0.0002g		

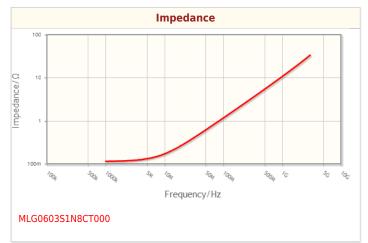
<sup>!</sup> Images are for reference only and show exemplary products.

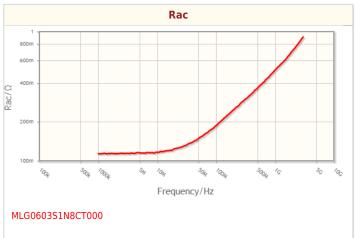
<sup>!</sup> This PDF document was created based on the data listed on the TDK Corporation website.

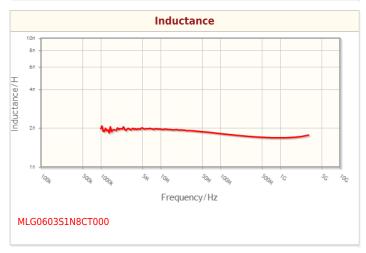
 $<sup>! \ \</sup>mbox{All specifications}$  are subject to change without notice.

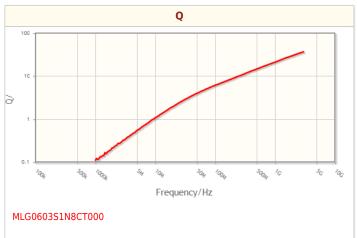
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## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)









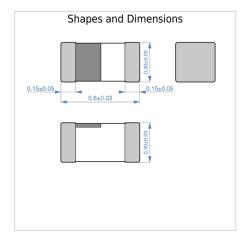
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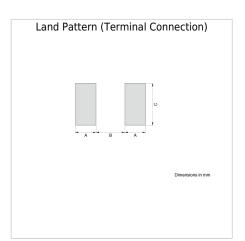
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## **Associated Images**





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