

MLG0603P2N9ST000

RoHS Reach Halogen Free Pb Free

Applications	Commercial Grade
Feature	Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) High Q High Q
Series Type	MLG-P
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	2.9nH ±0.3nH at 500MHz	
Rated Current	500mA	
DC Resistance [Typ.]	100mΩ	
DC Resistance [Max.]	200mΩ	
Self Resonant Frequency [Min.]	7.5GHz	
Self Resonant Frequency [Typ.]	9.2GHz	
Q [Min.]	14 at 500MHz	
Q [Typ.]	17 at 500MHz	

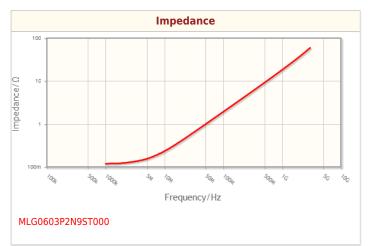
Other			
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C		
Soldering Method	Reflow		
AEC-Q200	NO		
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]		
Package Quantity	15000pcs		
Weight	0.0002g		

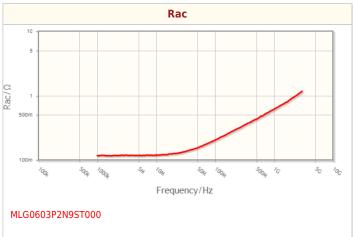
 $^{!\ \}mbox{Images}$ are for reference only and show exemplary products.

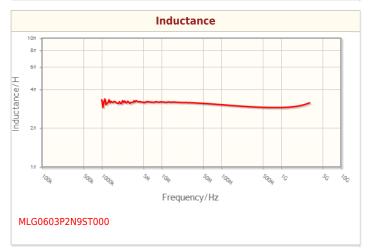
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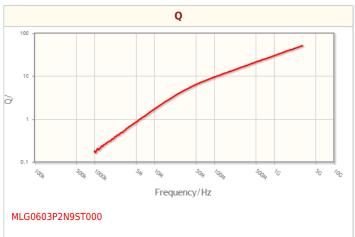
[!] All specifications are subject to change without notice.

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







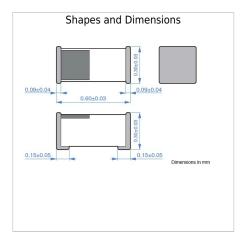


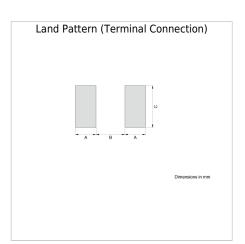
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Associated Images





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