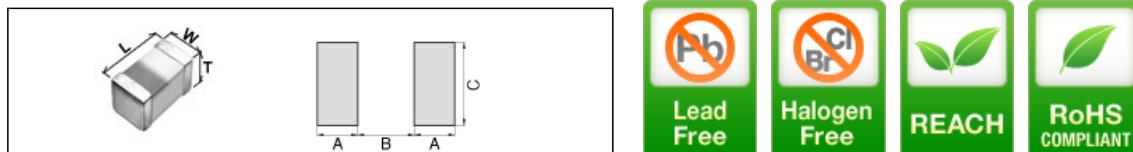


MLG0603S2N7ST000

Applications		Commercial Grade
Feature		Multilayer
		Non-Magnetic Core (Dielectric Ceramic)
Series	MLG Series / MLG0603S Type	
Status	PROD	



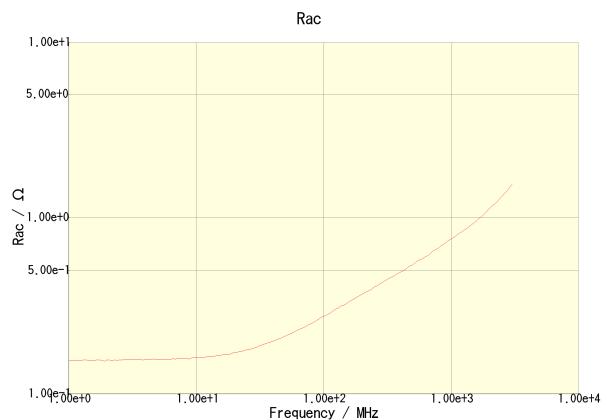
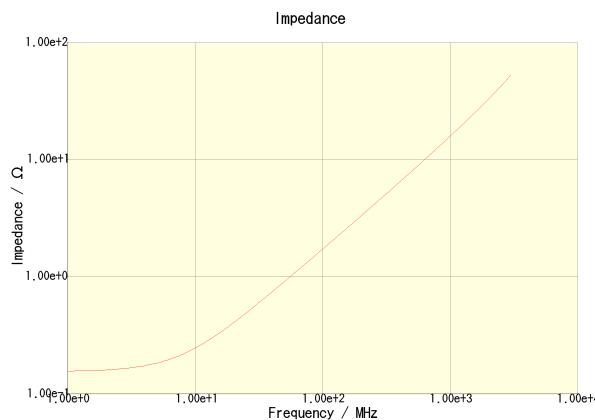
Size	
Length(L)	0.60mm +/-0.03mm
Width(W)	0.30mm +/-0.03mm
Thickness(T)	0.30mm +/-0.03mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

Electrical Characteristics	
Inductance	2.7nH +/-0.3nH at 100MHz
Rated Current (Temperature Rise) [Max.]	300mA (20degC Rise)
Self-Resonant Frequency [Min.]	6.5GHz
Self-Resonant Frequency [Typ.]	8.1GHz
Q [Min.]	4 at 100MHz
Q [Typ.]	
DC Resistance [Nom.]	150mΩ
DC Resistance [Max.]	250mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	15000Pcs Min.
Weight	0.0002g

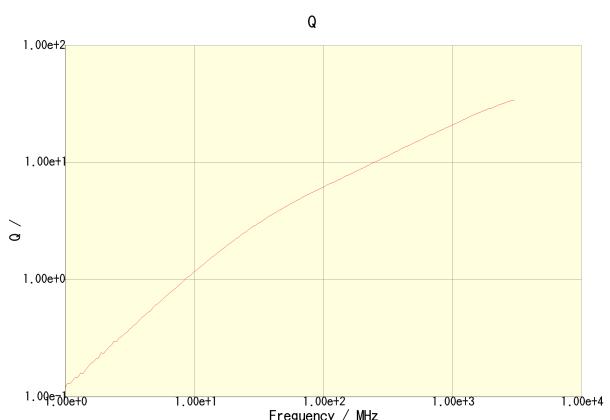
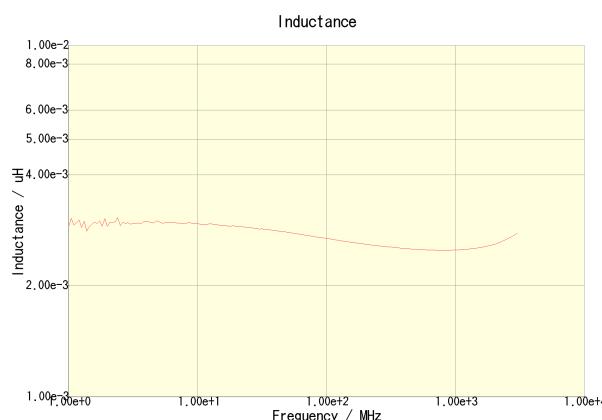
MLG0603S2N7ST000

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



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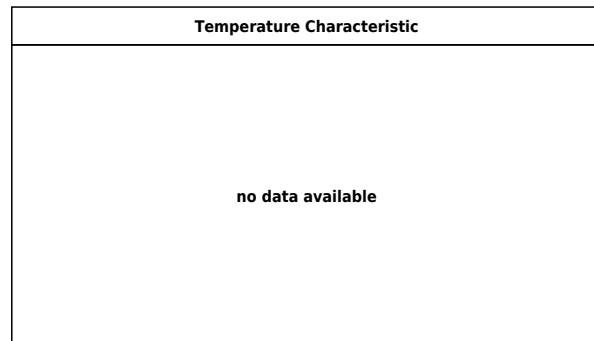


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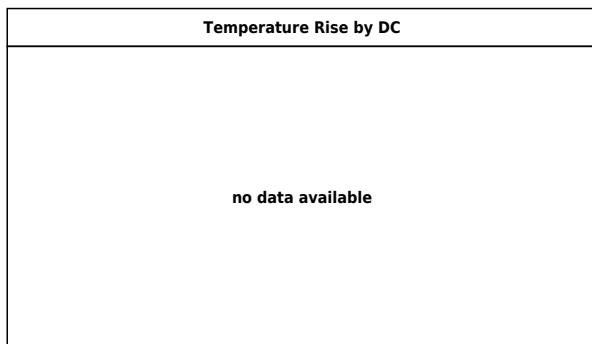
MLG0603S2N7ST000

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



MLG0603S2N7ST000(Amb. Temp. = 20degC)



- This PDF document was created based on the data listed on the TDK Corporation website.
- All specifications are subject to change without notice.