


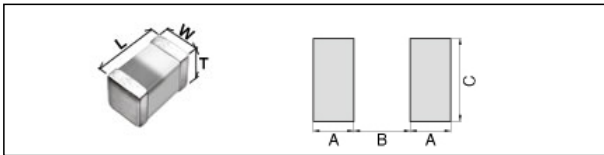


MLG1608B3N9ST000

Applications	 Commercial Grade
Feature	 Multilayer
	 Non-Magnetic Core (Dielectric Ceramic)
Series	MLG Series / MLG1608 Type
Status	Production (Recommended Alternate Part is available.)(Recommended Alternate Part Number:Please get contact with TDK)



Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	0.80mm +/-0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

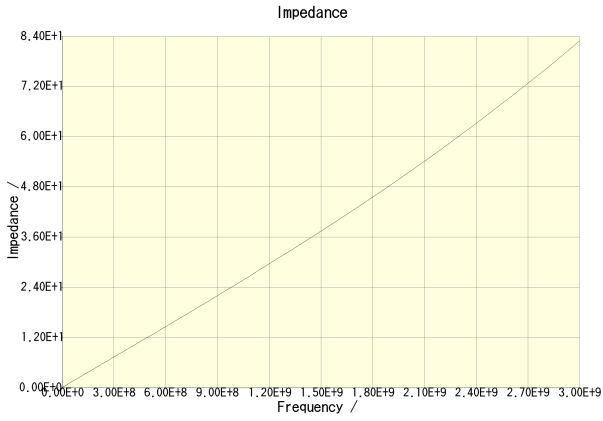
Electrical Characteristics	
Inductance	3.9nH +/-0.3nH at 100MHz
Rated Current (Temperature Rise) [Max.]	600mA (20degC Rise)
Self-Resonant Frequency [Min.]	6GHz
Self-Resonant Frequency [Typ.]	7.9GHz
Q [Min.]	10 at 100MHz
Q [Typ.]	
DC Resistance [Nom.]	60mΩ
DC Resistance [Max.]	140mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

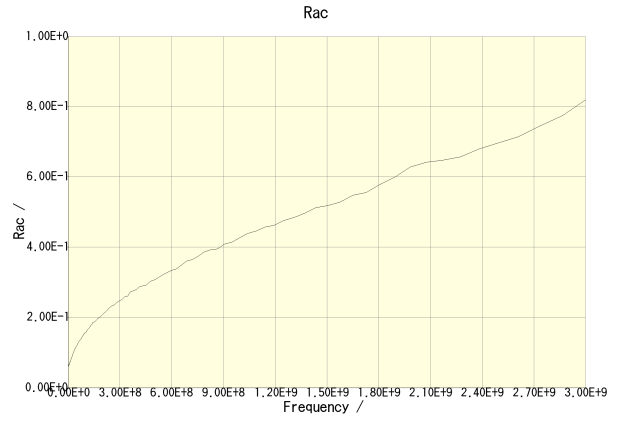
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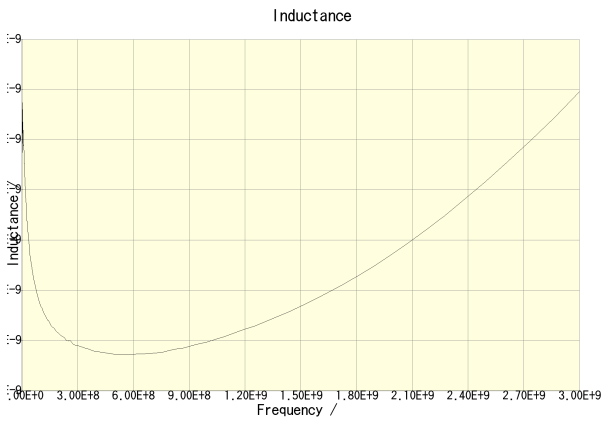
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



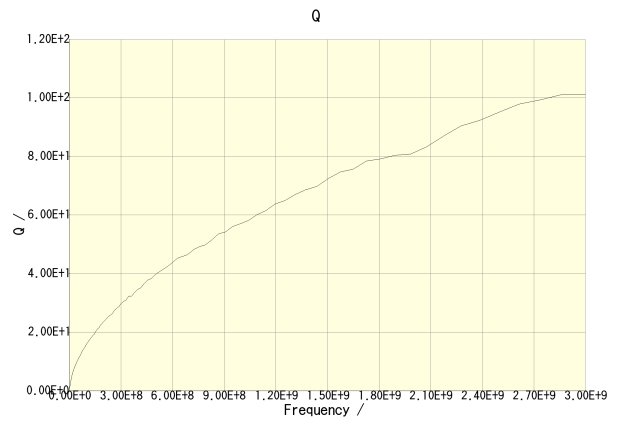
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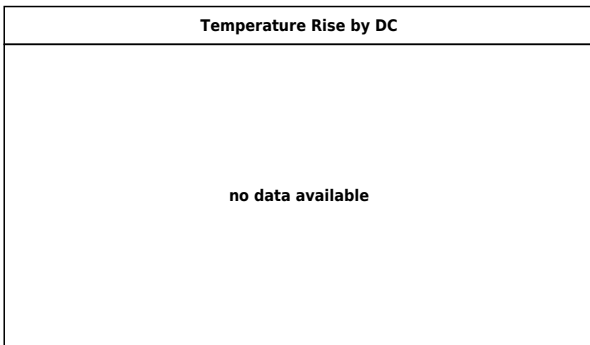
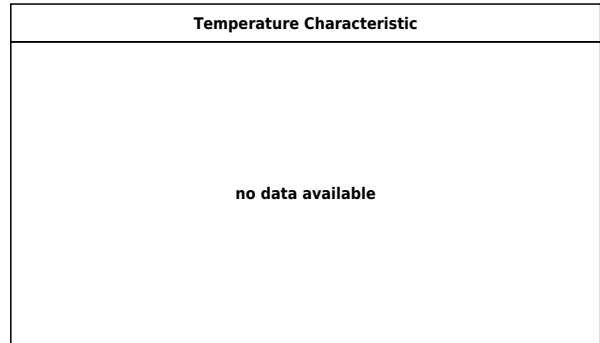
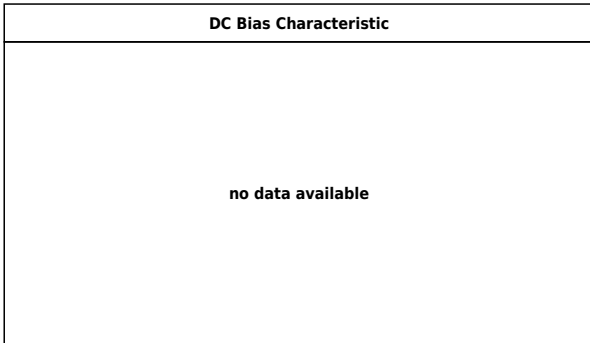


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