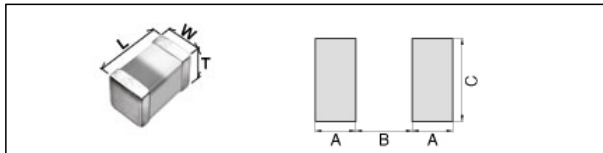


MLG1608B5N6DT000

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



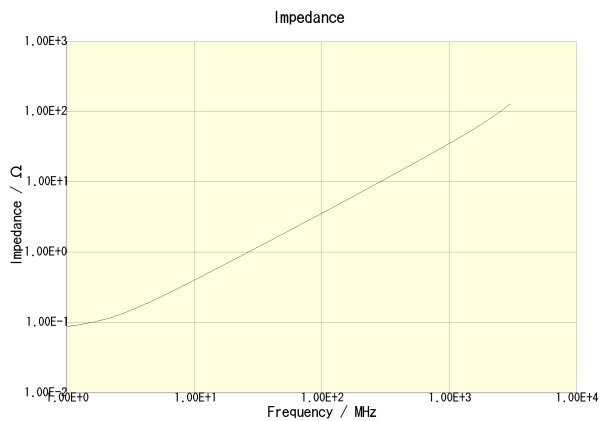
Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	0.80mm +/-0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	5.6nH +/-0.5nH at 100MHz
Rated Current (Temperature Rise) [Max.]	600mA (20degC Rise)
Self-Resonant Frequency [Min.]	5GHz
Self-Resonant Frequency [Typ.]	6.8GHz
Q [Min.]	10 at 100MHz
Q [Typ.]	
DC Resistance [Nom.]	80mΩ
DC Resistance [Max.]	160mΩ

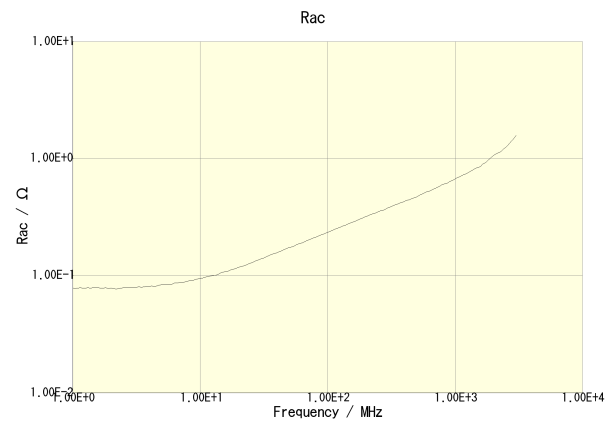
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

MLG1608B5N6DT000

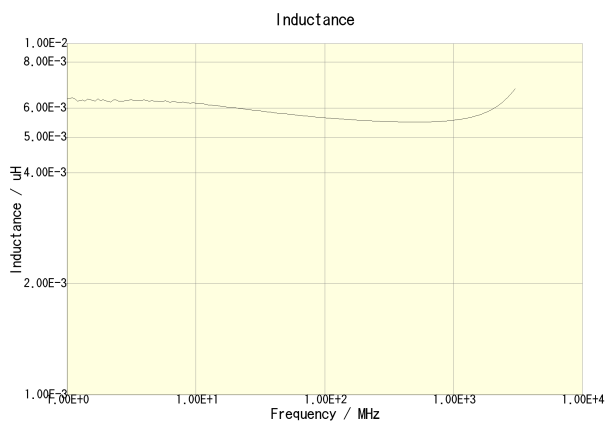
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



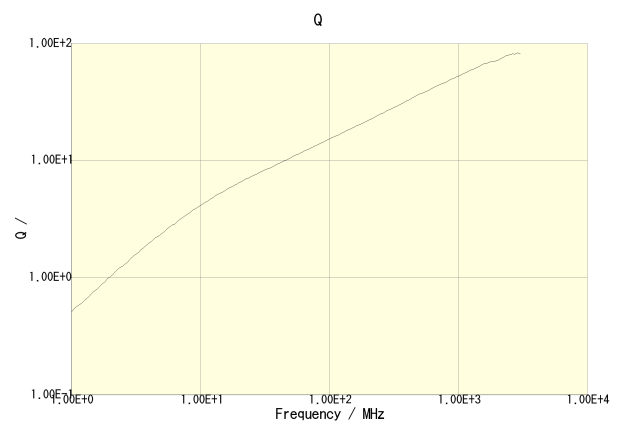
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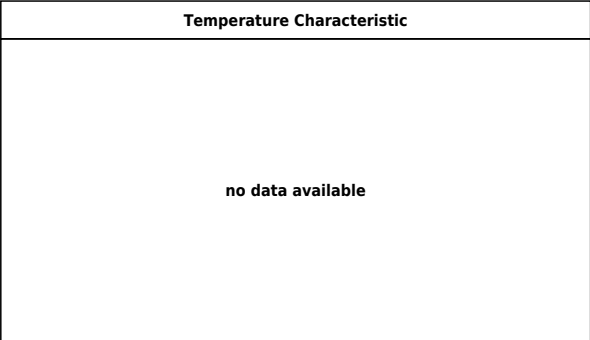
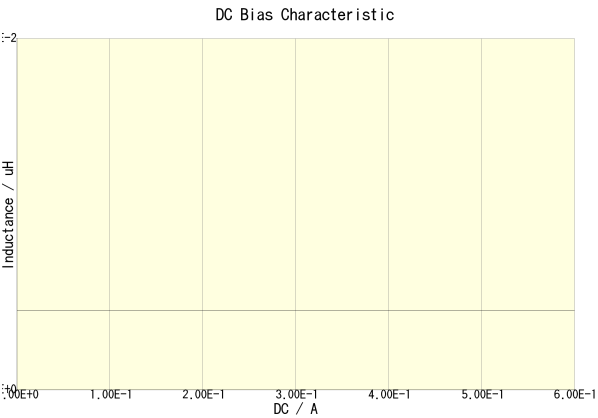
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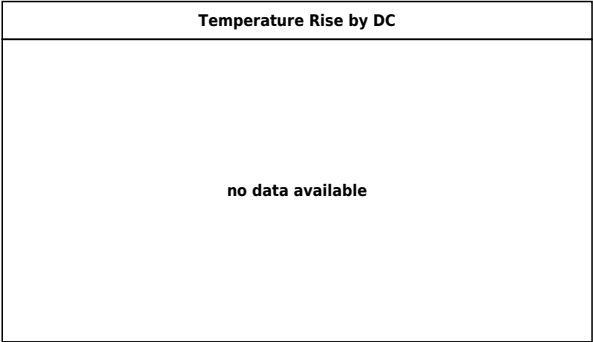
MLG1608B5N6DT000

MLG1608B5N6DT000

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



MLG1608B5N6DT000(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.