

MLG1608B10NJT000

Applications



Commercial Grade

Feature



Multilayer



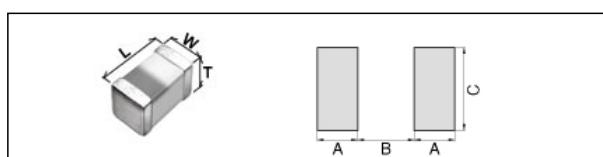
Non-Magnetic Core (Dielectric Ceramic)

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	10nH +/-5% at 100MHz
Rated Current (Temperature Rise) [Max.]	600mA (20degC Rise)
Self-Resonant Frequency [Min.]	3.5GHz
Self-Resonant Frequency [Typ.]	4.5GHz
Q [Min.]	12 at 100MHz
Q [Typ.]	
DC Resistance [Nom.]	110mΩ
DC Resistance [Max.]	200mΩ

Other

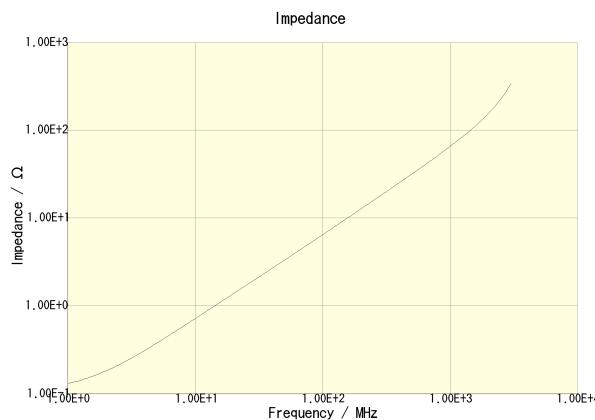
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

•This PDF document was created based on the data listed on the TDK Corporation website.

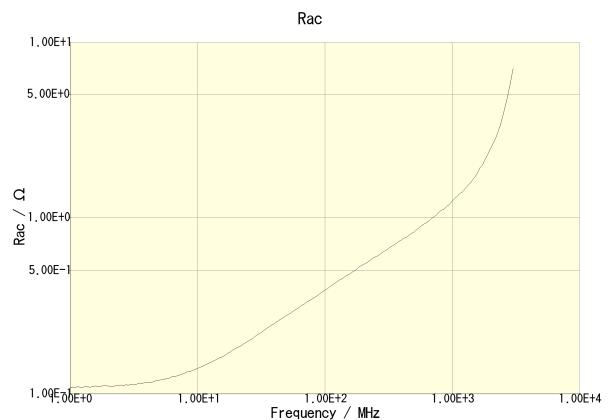
•All specifications are subject to change without notice.

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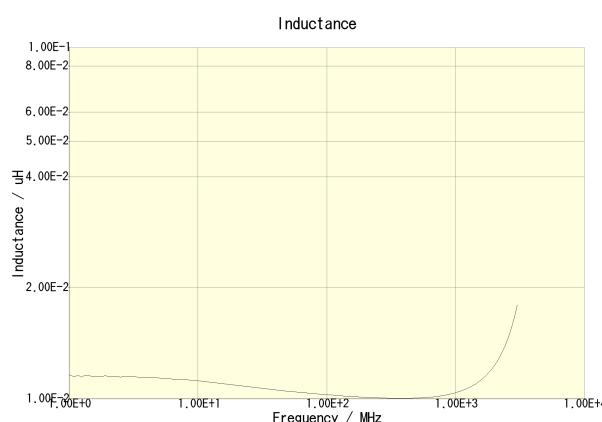
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



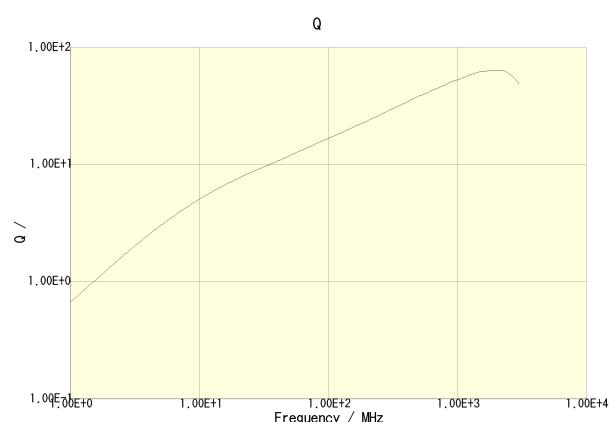
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DC Bias Characteristic

no data available

Temperature Characteristic

no data available

Temperature Rise by DC

no data available