

Applications	Automotive Grade
Feature	AEC-Q200 Multilayer Non-Magnetic Core (Dielectric Ceramic)
Series Type	MLG
Status	Obsolete Recommended Alternate Part No. : MHQ1005P12NJTD25 (Interchangeability is not guaranteed.) Discontinue Issue Date : Nov.4, 2015 Last Purchase Order Date : Dec.29, 2016 Last Shipment Date : Jun.30, 2017
Brand	TDK



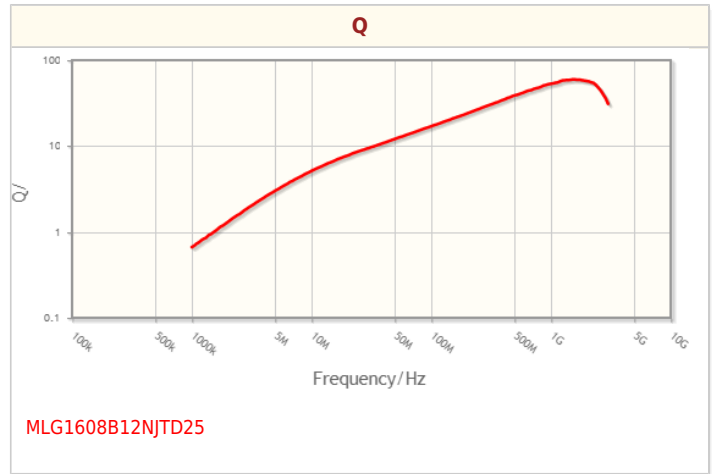
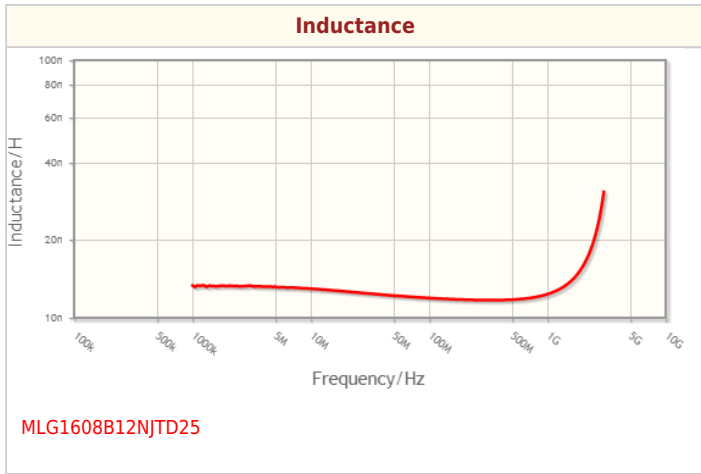
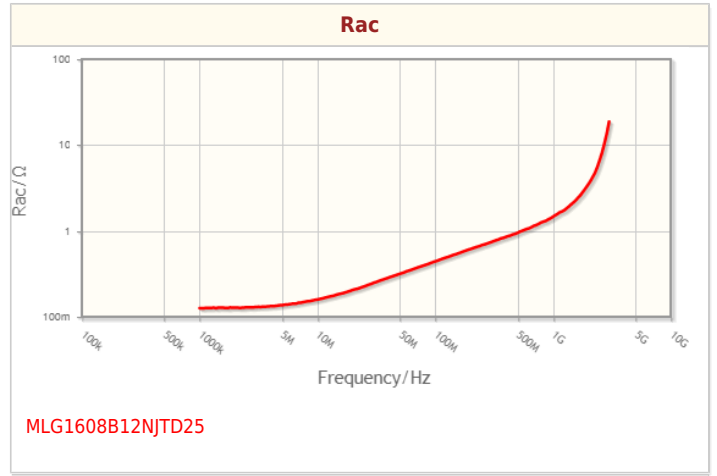
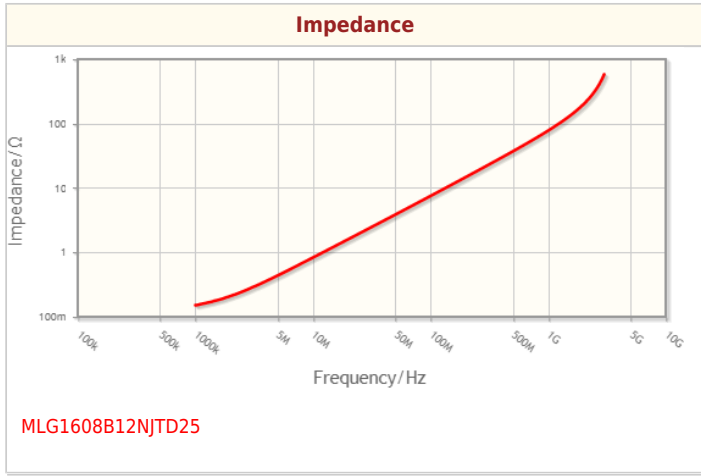
Size	
Length(L)	1.60mm ±0.15mm
Width(W)	0.80mm ±0.15mm
Thickness Height	0.80mm ±0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	12nH ±5% at 100MHz
Rated Current	600mA
DC Resistance [Typ.]	130mΩ
DC Resistance [Max.]	250mΩ
Self Resonant Frequency [Min.]	3GHz
Self Resonant Frequency [Typ.]	3.8GHz
Q [Min.]	12 at 100MHz
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	4000pcs
Weight	0.004g

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! 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

