

## Applications



Commercial Grade

## Feature

**Multilayer** Multilayer

**Non-Mag Core** Non-Magnetic Core (Dielectric Ceramic)

## Series | Type

MLG

## Status



Obsolete

Recommended Alternate Part No. : [MHQ1005P39NJT000](#) (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	39nH ±5% at 100MHz
Rated Current	400mA
DC Resistance [Typ.]	260mΩ
DC Resistance [Max.]	550mΩ
Self Resonant Frequency [Min.]	1.6GHz
Self Resonant Frequency [Typ.]	2GHz
Q [Min.]	12 at 100MHz
Q [Typ.]	

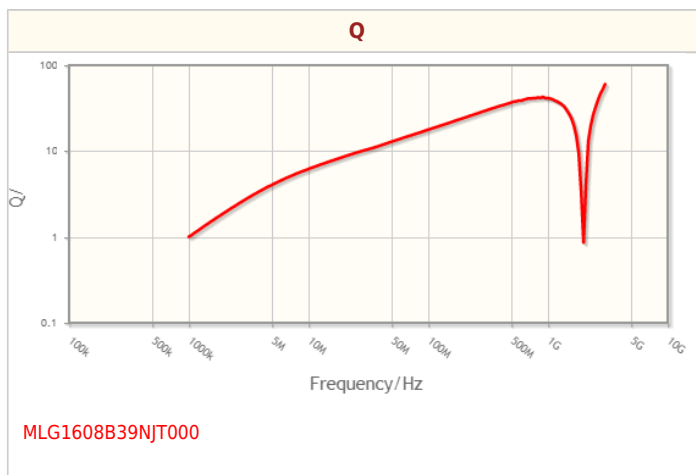
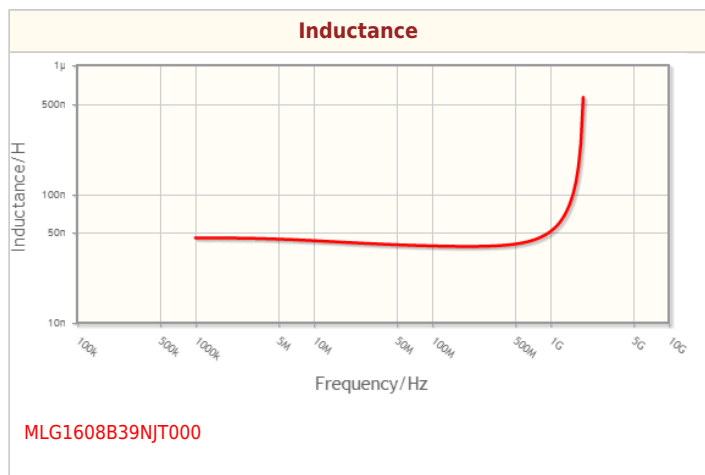
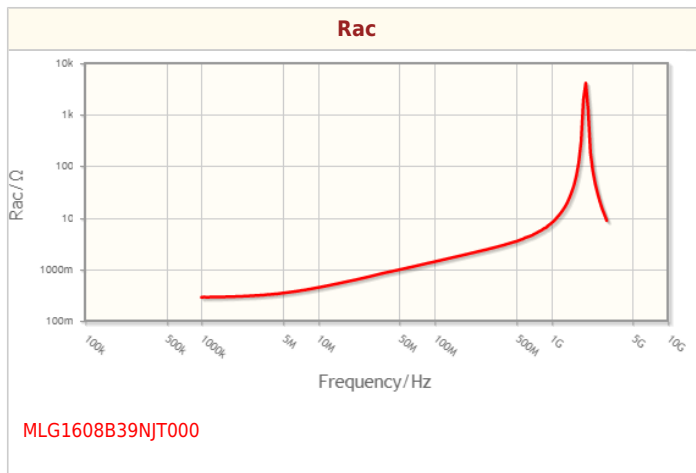
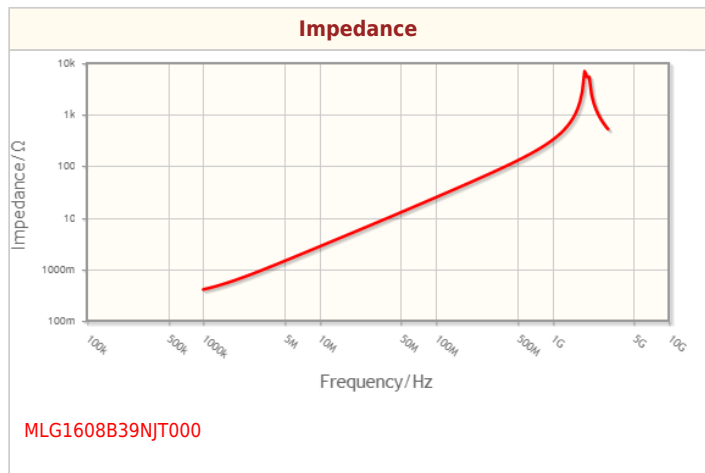
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	4000pcs
Weight	0.004g

! 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.)



## Associated Images

