

<b>Applications</b>	Commercial Grade
<b>Feature</b>	Multilayer
	Non-Magnetic Core (Dielectric Ceramic)
<b>Series   Type</b>	MLG
<b>Status</b>	Obsolete
	Recommended Alternate Part No. : <a href="#">MHQ1005P5N1ST000</a> (Interchangeability is not guaranteed.)
	Discontinue Issue Date : Nov.4, 2015
	Last Purchase Order Date : Dec.29, 2016 Last Shipment Date : Jun.30, 2017
<b>Brand</b>	TDK



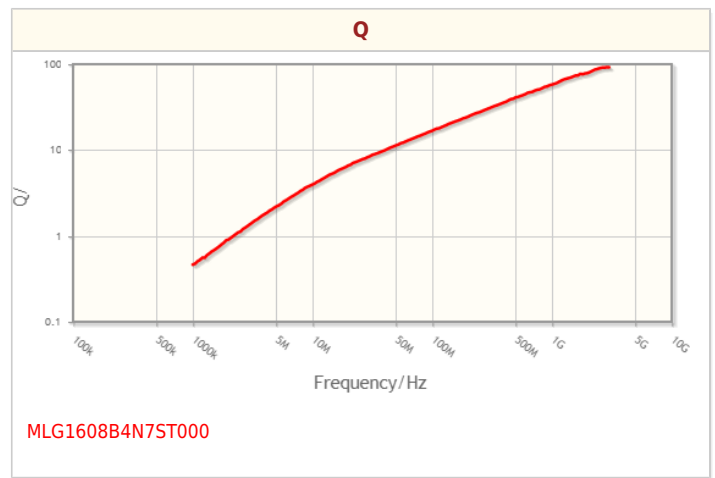
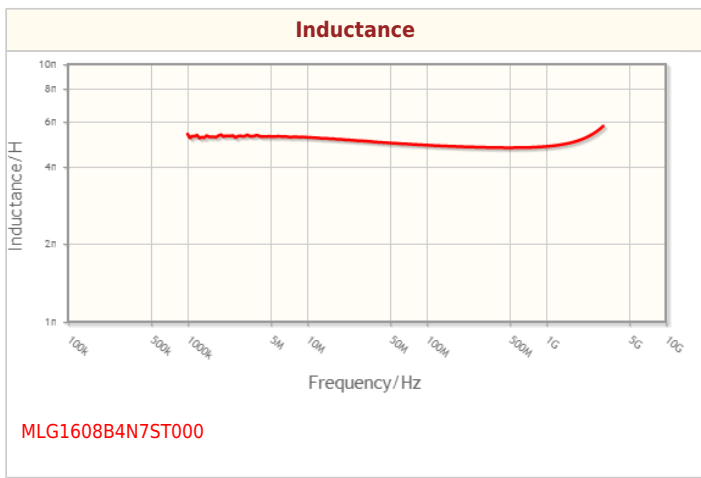
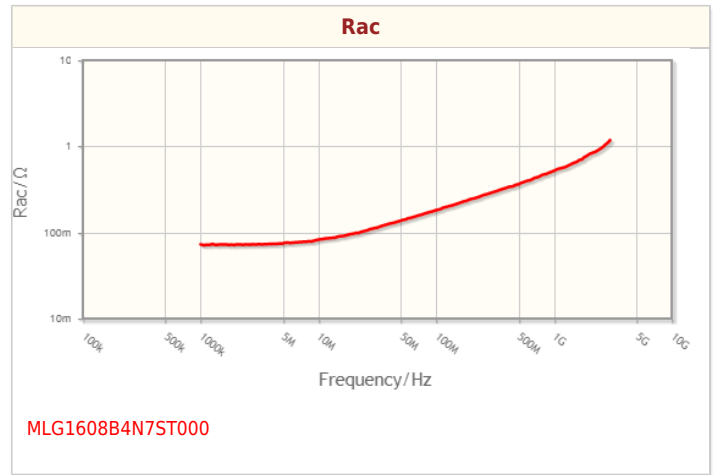
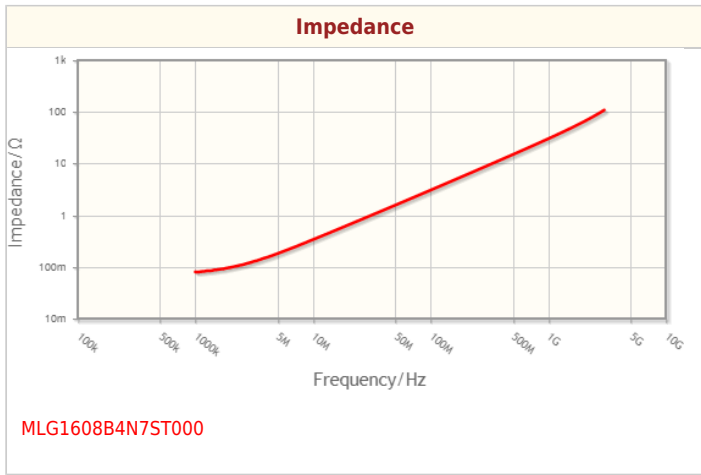
Size	
Length(L)	1.60mm ±0.15mm
Width(W)	0.80mm ±0.15mm
Thickness   Height	0.80mm ±0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	4.7nH ±0.3nH at 100MHz
Rated Current	600mA
DC Resistance [Typ.]	80mΩ
DC Resistance [Max.]	150mΩ
Self Resonant Frequency [Min.]	5GHz
Self Resonant Frequency [Typ.]	6.8GHz
Q [Min.]	10 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.)



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## Associated Images

