

<b>Applications</b>	Commercial Grade
<b>Feature</b>	Multilayer Non-Magnetic Core (Dielectric Ceramic) High Q
<b>Series   Type</b>	MLG-Q
<b>Status</b>	Production
<b>Brand</b>	TDK



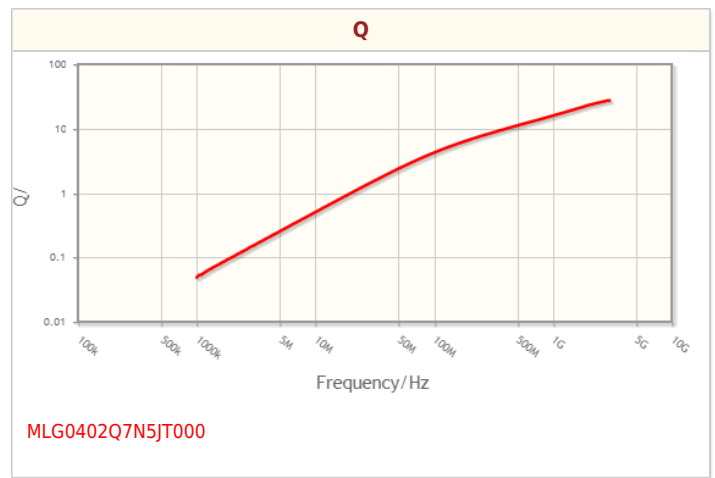
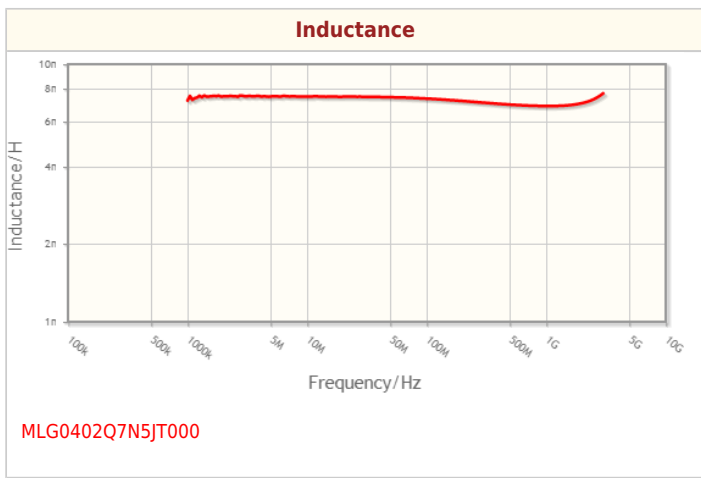
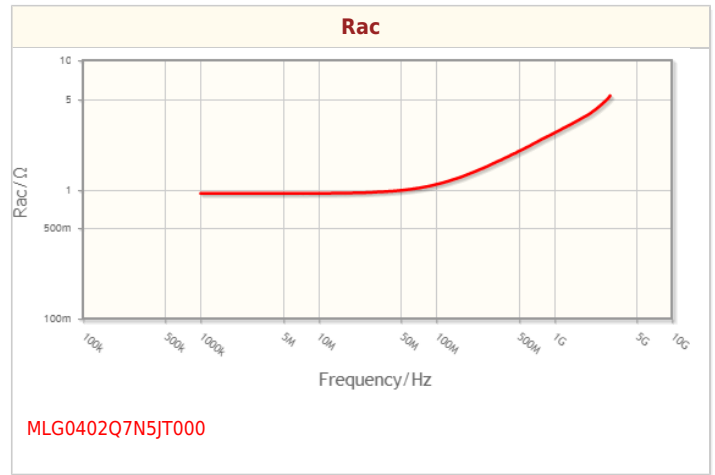
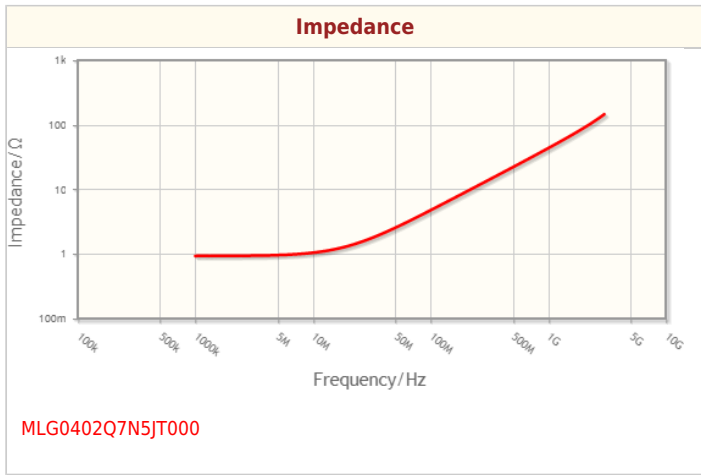
Size	
Length(L)	0.40mm ±0.02mm
Width(W)	0.20mm ±0.02mm
Thickness   Height	0.20mm ±0.02mm
Recommended Land Pattern (A)	0.15mm to 0.20mm
Recommended Land Pattern (B)	0.20mm Nom.
Recommended Land Pattern (C)	0.18mm to 0.20mm

Electrical Characteristics	
Inductance	7.5nH ±5% at 100MHz
Rated Current	140mA
DC Resistance [Typ.]	1.13Ω
DC Resistance [Max.]	1.7Ω
Self Resonant Frequency [Min.]	5GHz
Self Resonant Frequency [Typ.]	6.7GHz
Q [Min.]	2 at 100MHz
Q [Typ.]	4 at 100MHz

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	20000pcs
Weight	0.00007g

! 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

