

Product Status	Production
Applications	Commercial Grade
Feature	Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) High Q
Series Type	MLG-Q
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	0.40mm \pm 0.02mm
Width(W)	0.20mm \pm 0.02mm
Thickness Height	0.20mm \pm 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	2.5nH \pm 0.1nH at 100MHz
Rated Current	200mA
DC Resistance [Typ.]	540m Ω
DC Resistance [Max.]	800m Ω
Self Resonant Frequency [Min.]	7GHz
Self Resonant Frequency [Typ.]	10.5GHz
Q [Min.]	2 at 100MHz
Q [Typ.]	3 at 100MHz

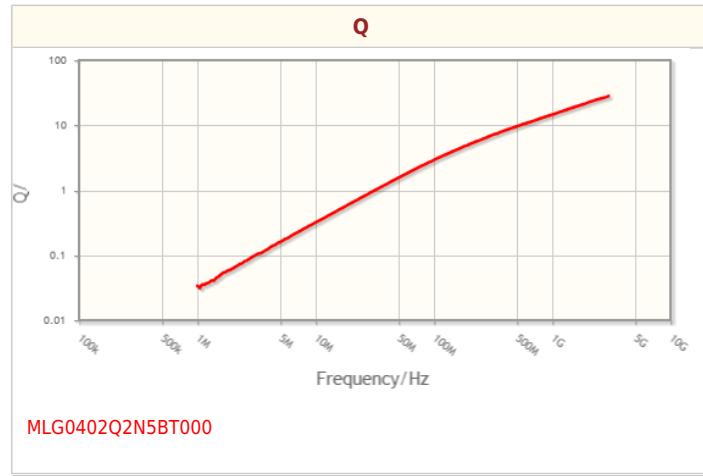
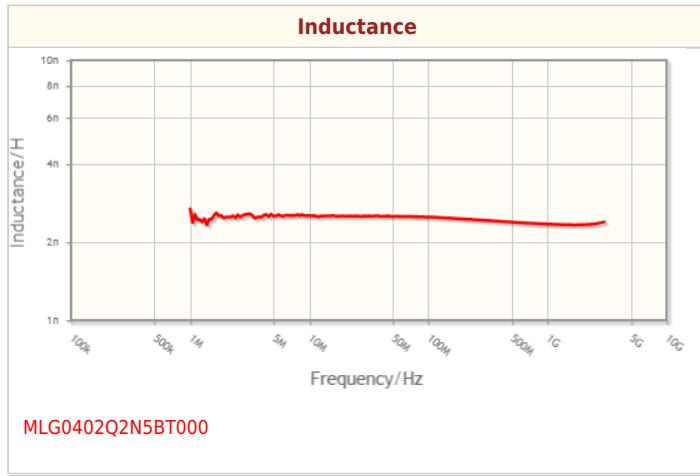
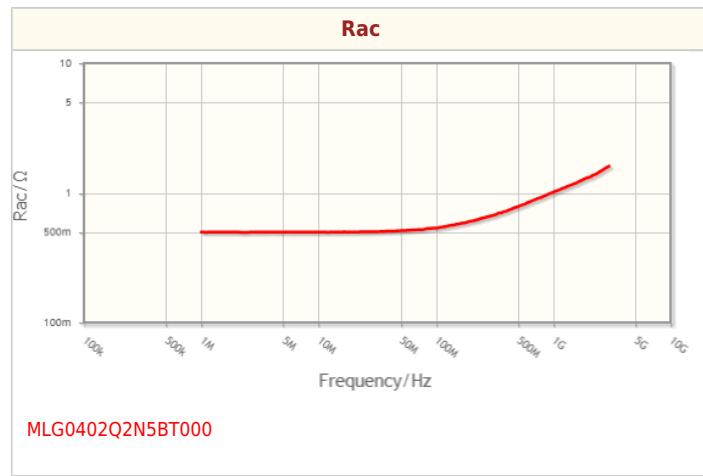
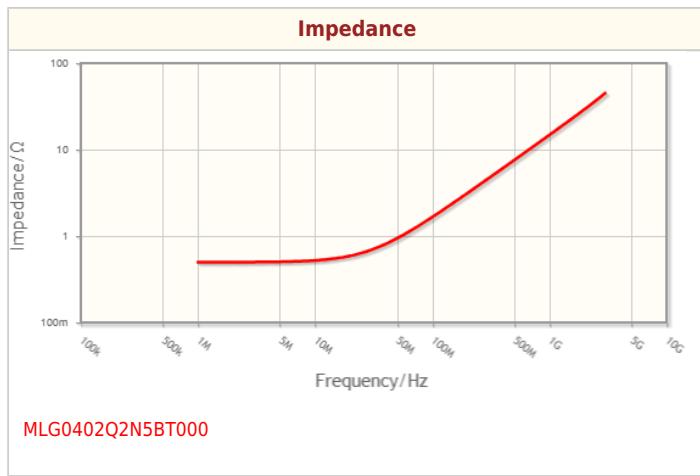
Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	20000pcs
Weight	0.00007g

! 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.)

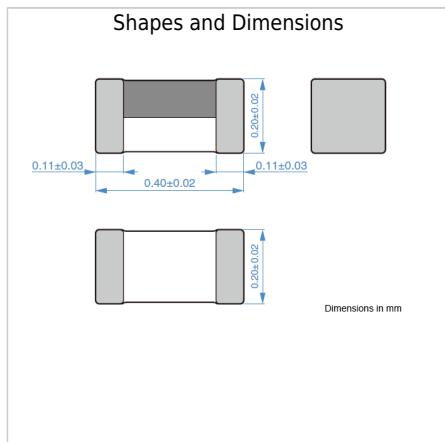


! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.

Associated Images



! 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.