

MLG0402Q3N8CT000

**Applications**

Commercial Grade

Multilayer Multilayer**Feature****Non-Mag Core**

Non-Magnetic Core (Dielectric Ceramic)

High Q High Q**Series | Type**

MLG-Q

Status

Production

Brand

TDK

**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	3.8nH \pm 0.2nH at 100MHz
Rated Current	180mA
DC Resistance [Typ.]	700m Ω
DC Resistance [Max.]	1.1 Ω
Self Resonant Frequency [Min.]	6GHz
Self Resonant Frequency [Typ.]	8.4GHz
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.

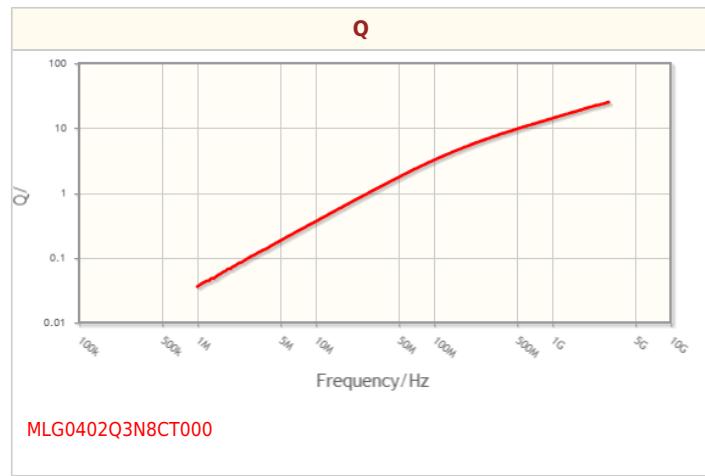
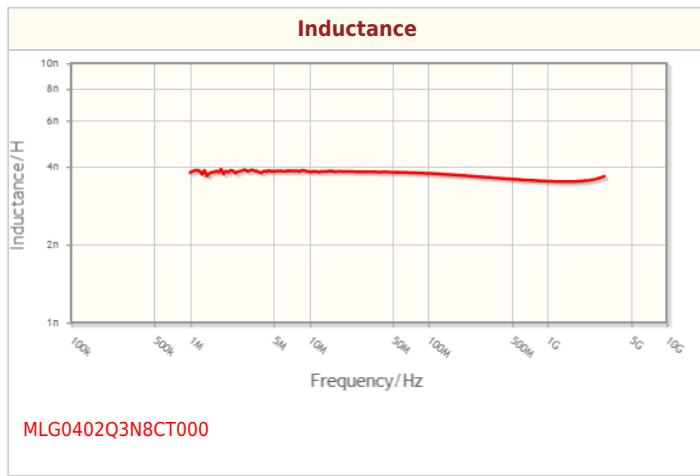
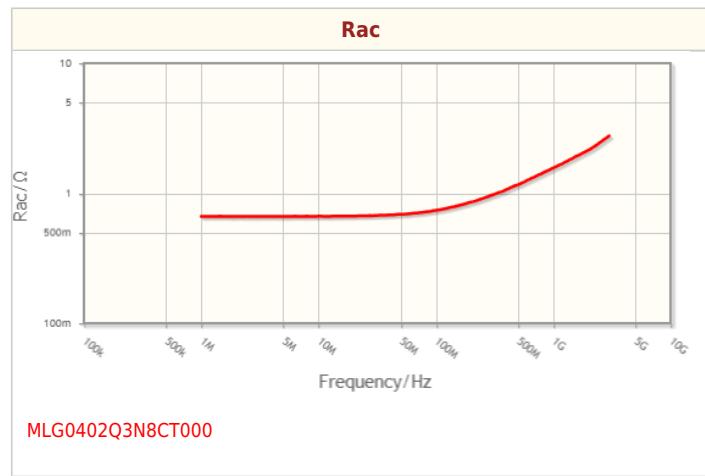
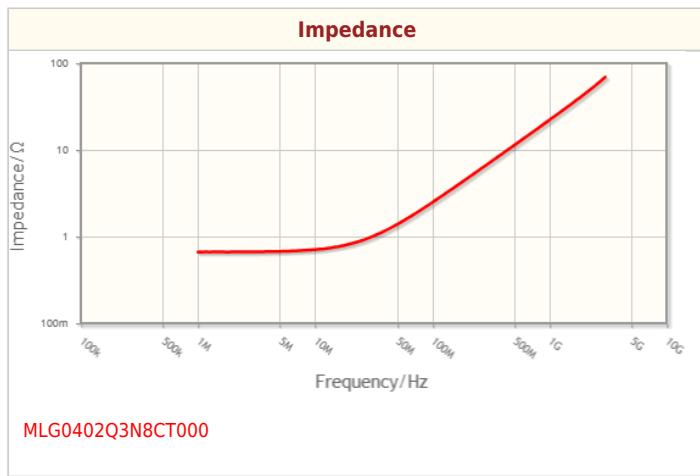
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

MLG0402Q3N8CT000



Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



! Images are for reference only and show exemplary products.

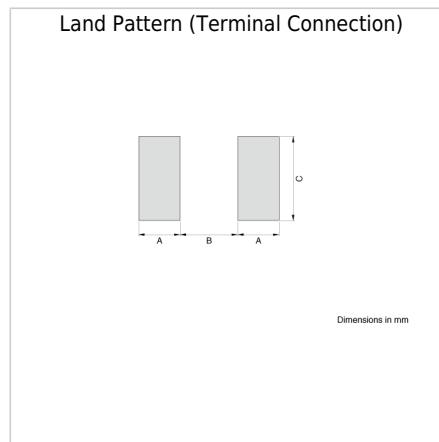
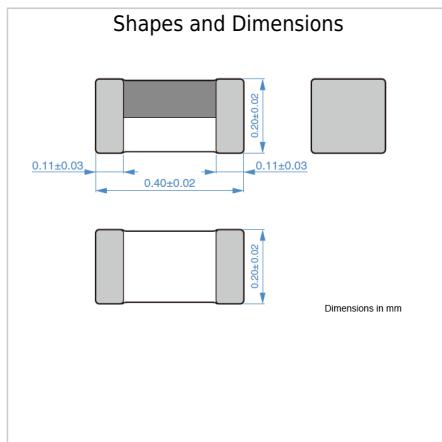
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

MLG0402Q3N8CT000



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.