

MHQ0603P3N7ST000

**Applications**

Commercial Grade

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

Non-Magnetic Core (Dielectric Ceramic)

Super High Q

Super High Q

Series | Type

MHQ-P

Status

Production

Brand

TDK

**Size**

Length(L)	0.65mm \pm 0.05mm
Width(W)	0.35mm \pm 0.05mm
Thickness Height	0.35mm \pm 0.05mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

Electrical Characteristics

Inductance	3.7nH \pm 0.3nH at 500MHz
Rated Current	450mA
DC Resistance [Typ.]	170m Ω
DC Resistance [Max.]	250m Ω
Self Resonant Frequency [Min.]	6.5GHz
Self Resonant Frequency [Typ.]	9.1GHz
Q [Min.]	16 at 500MHz
Q [Typ.]	

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	15000pcs
Weight	0.0002g

! Images are for reference only and show exemplary products.

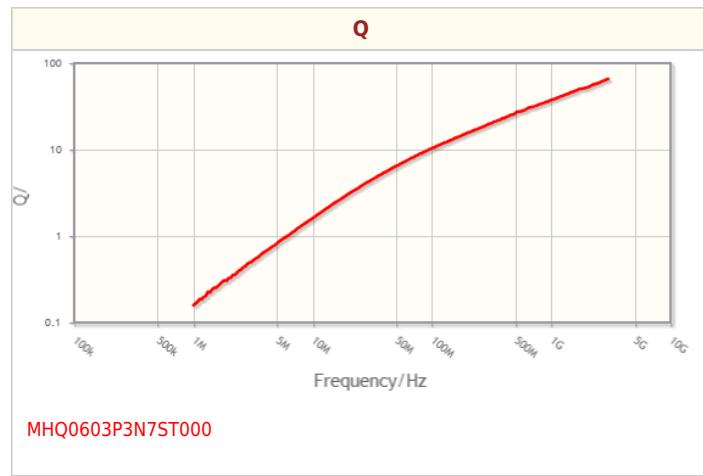
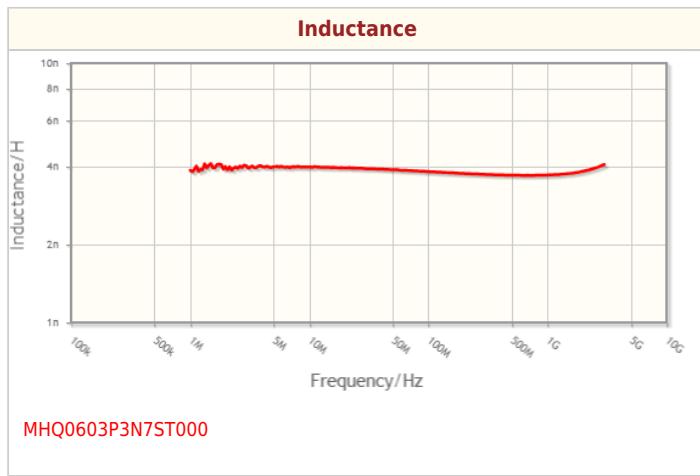
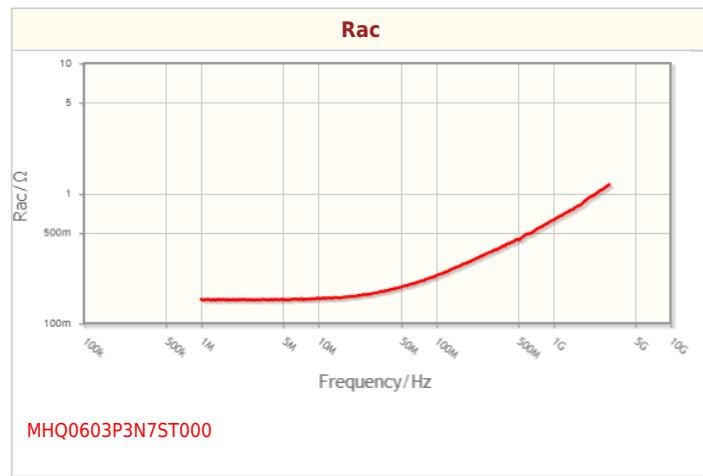
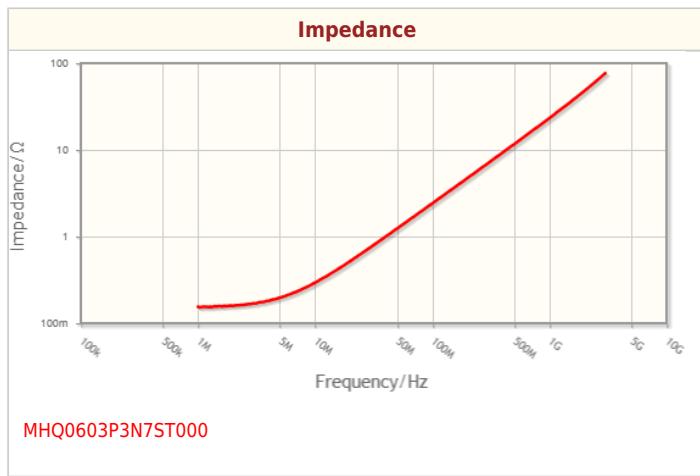
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

MHQ0603P3N7ST000



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

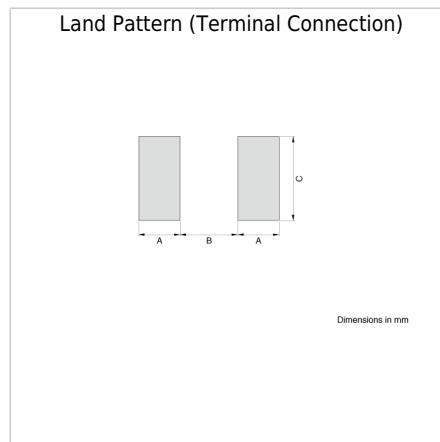
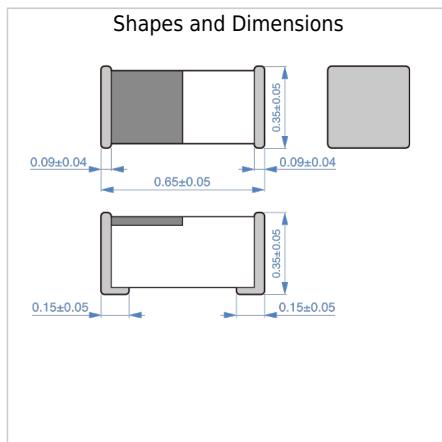


! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

MHQ0603P3N7ST000



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.