

Product Status	Production
Applications	Commercial Grade
Feature	MultilayerMultilayer Non-Mag CoreNon-Magnetic Core (Dielectric Ceramic) Super High QSuper High Q
Series Type	MHQ-P
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>



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

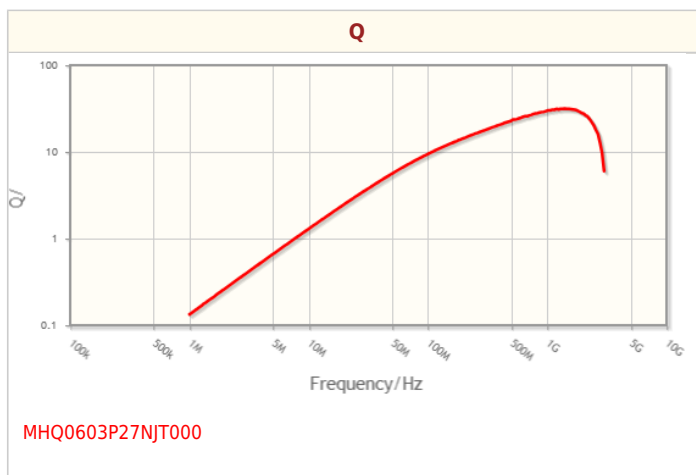
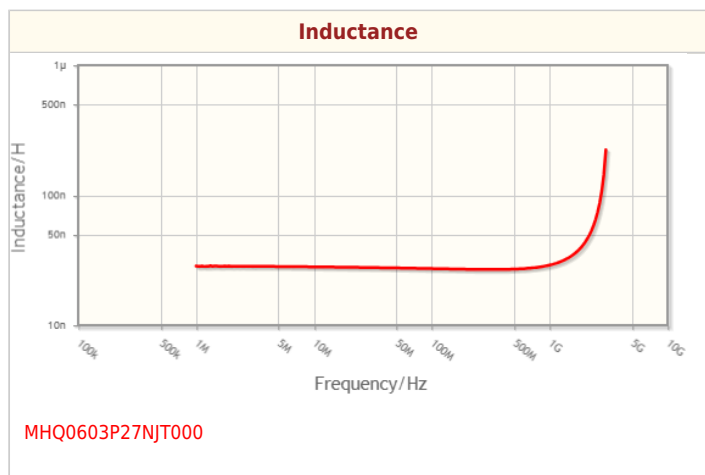
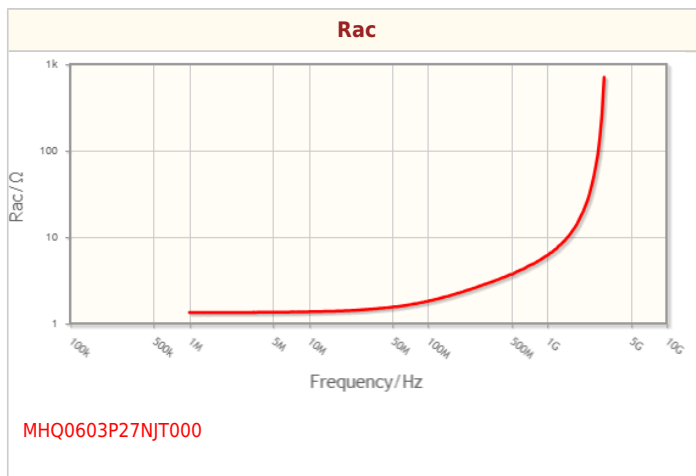
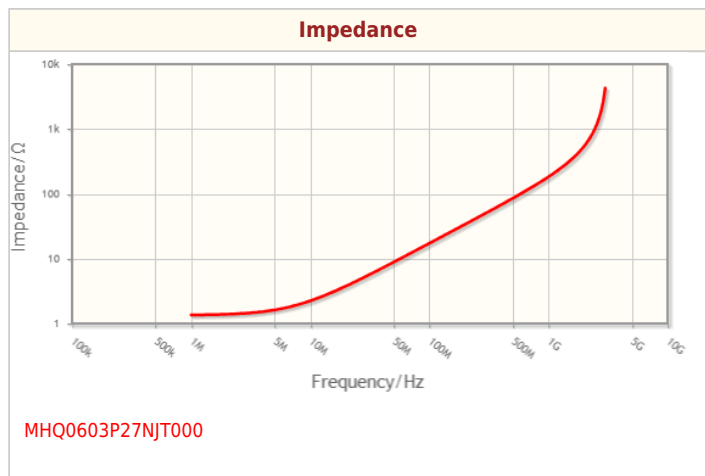
Electrical Characteristics	
Inductance	27nH ±5% at 500MHz
Rated Current	160mA
DC Resistance [Typ.]	1.55Ω
DC Resistance [Max.]	2.2Ω
Self Resonant Frequency [Min.]	2GHz
Self Resonant Frequency [Typ.]	2.9GHz
Q [Min.]	16 at 500MHz
Q [Typ.]	

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.

MHQ0603P27NJT000

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



Associated Images

