

Applications	Commercial Grade
Feature	Multilayer Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) Super High Q Super High Q
Series Type	MHQ-P
Status	Obsolete Recommended Alternate Part No. : MHQ0402PSA12NHT000 (Interchangeability is not guaranteed.) Discontinue Issue Date : Nov.29, 2019 Last Purchase Order Date : Dec.31, 2020 Last Shipment Date : Mar.31, 2021
Brand	TDK



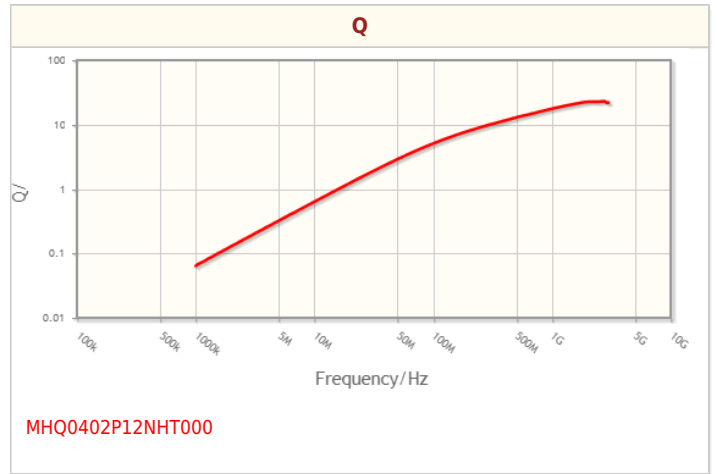
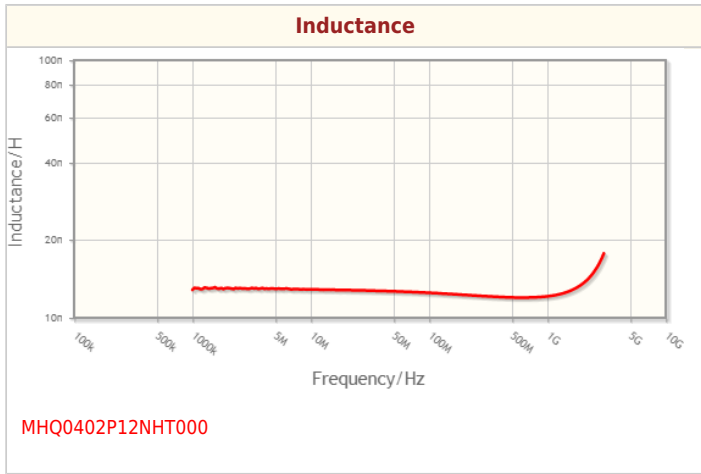
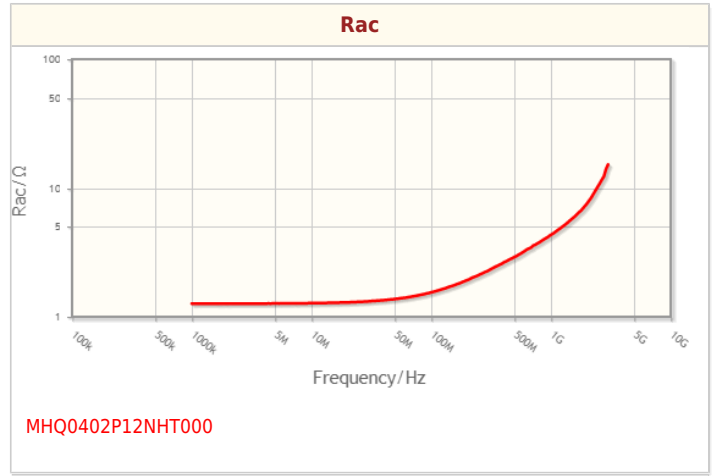
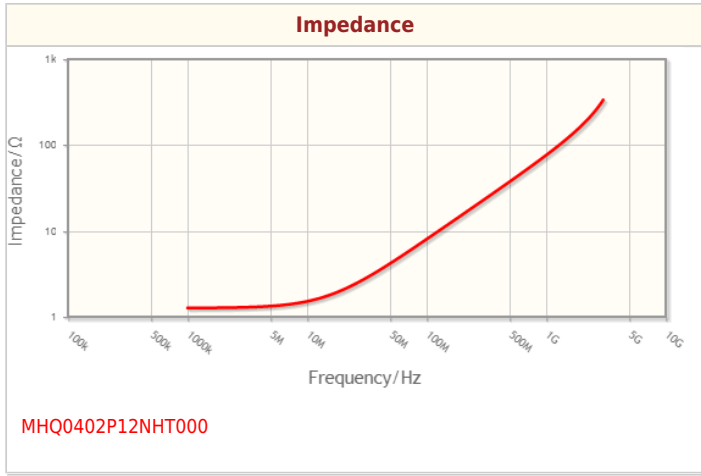
Size	
Length(L)	0.44mm ±0.02mm
Width(W)	0.24mm ±0.02mm
Thickness Height	0.24mm ±0.02mm
Recommended Land Pattern (A)	0.15mm to 0.20mm
Recommended Land Pattern (B)	0.20mm Nom.
Recommended Land Pattern (C)	0.18mm to 0.20mm

Electrical Characteristics	
Inductance	12nH ±3% at 500MHz
Rated Current	160mA
DC Resistance [Typ.]	780mΩ
DC Resistance [Max.]	2Ω
Self Resonant Frequency [Min.]	3GHz
Self Resonant Frequency [Typ.]	4.2GHz
Q [Min.]	10 at 500MHz
Q [Typ.]	13 at 500MHz

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	0.00011g

! 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

