

MHQ0402PSA2N7BT000



Applications



Commercial Grade

Feature

Multilayer

Multilayer

Non-Mag Core

Non-Magnetic Core (Dielectric Ceramic)

Super High Q

Super High Q

Series | Type

MHQ-PSA

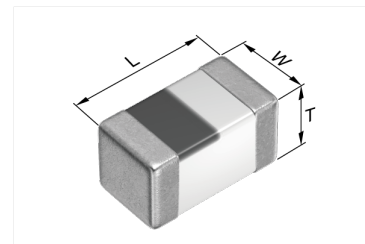
Status



Production

Brand

TDK



Size

Length(L)	0.40mm ±0.02mm
Width(W)	0.20mm ±0.02mm
Thickness(T)	0.20mm ±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	2.7nH ±0.1nH at 500MHz
Rated Current	300mA
DC Resistance [Typ.]	240mΩ
DC Resistance [Max.]	400mΩ
Self Resonant Frequency [Min.]	8GHz
Self Resonant Frequency [Typ.]	10.73GHz
Q [Min.]	10 at 500MHz
Q [Typ.]	14 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]
Package Quantity	20000pcs
Weight	0.00007g

! Images are for reference only and show exemplary products.

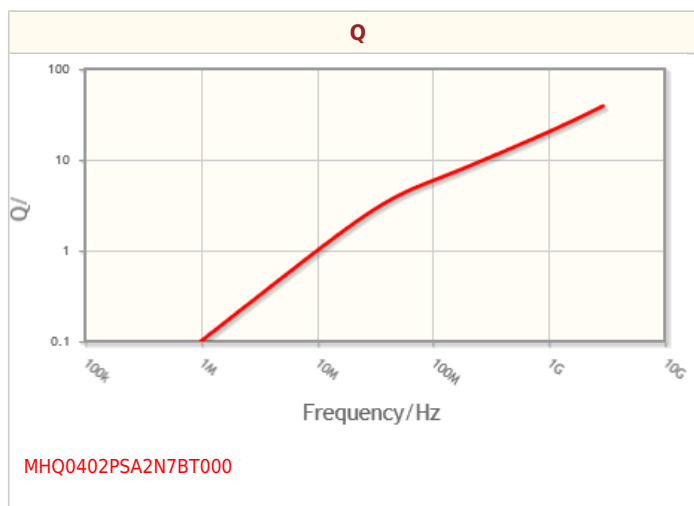
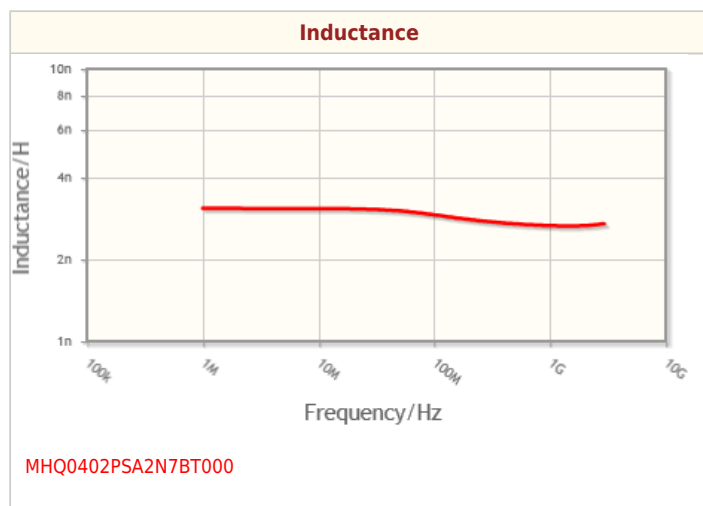
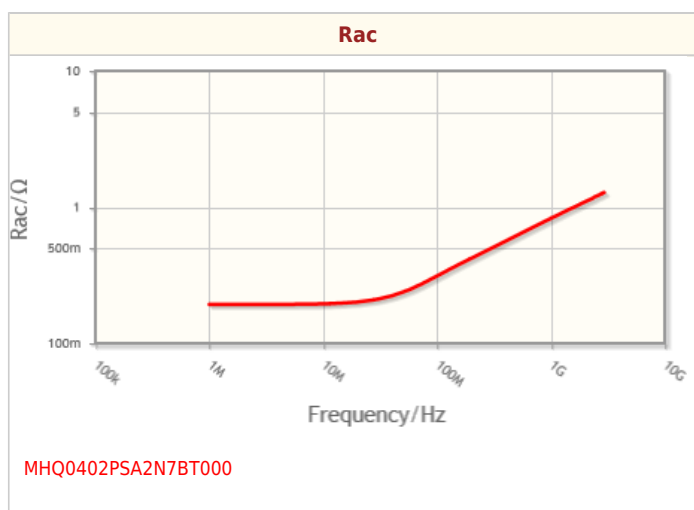
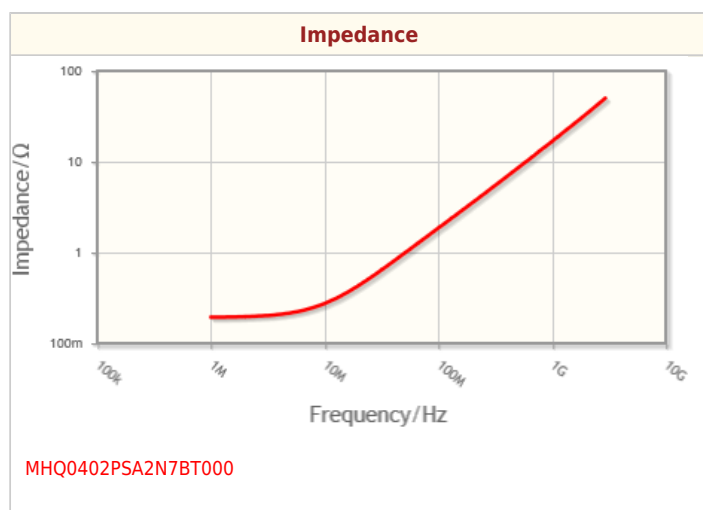
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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





Associated Images

