

MHQ0402P6N2JT000



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



Production (Not Recommended for New Design)

Recommended Alternate Part No. : [MHQ0402PSA6N2JT000](#) (Interchangeability is not guaranteed.)

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	6.2nH ±5% at 500MHz
Rated Current	200mA
DC Resistance [Typ.]	600mΩ
DC Resistance [Max.]	1Ω
Self Resonant Frequency [Min.]	4GHz
Self Resonant Frequency [Typ.]	5.6GHz
Q [Min.]	10 at 500MHz
Q [Typ.]	15 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	0.00011g

! Images are for reference only and show exemplary products.

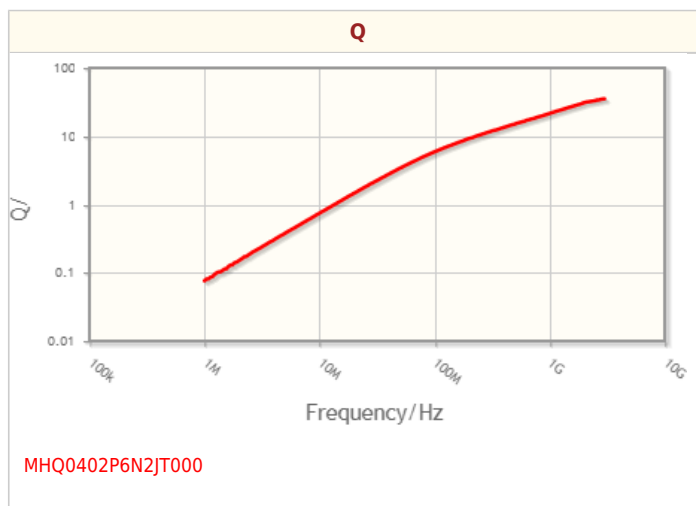
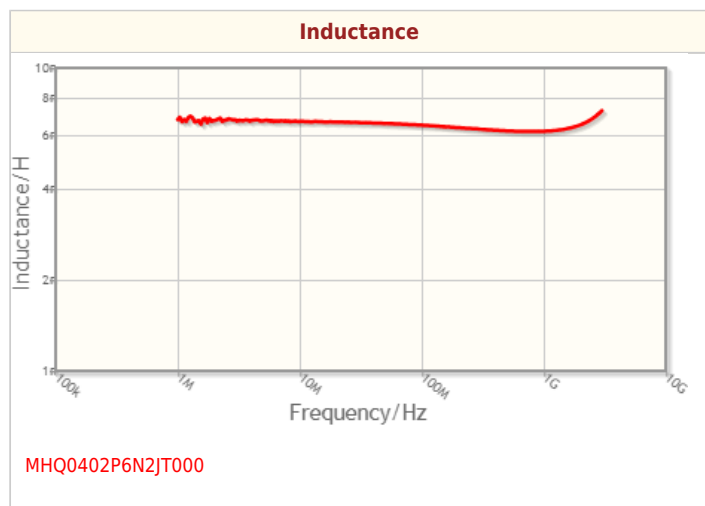
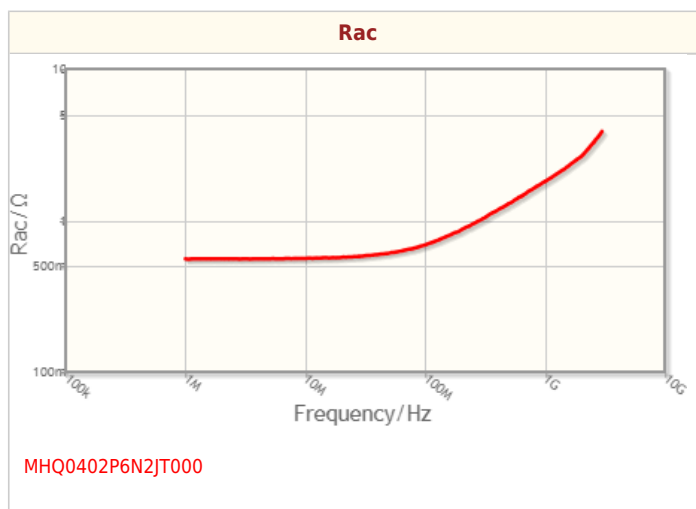
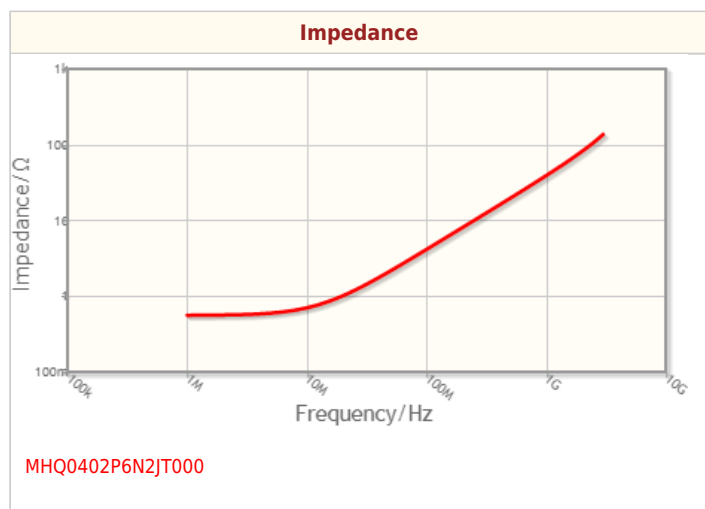
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

MHQ0402P6N2JT000



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



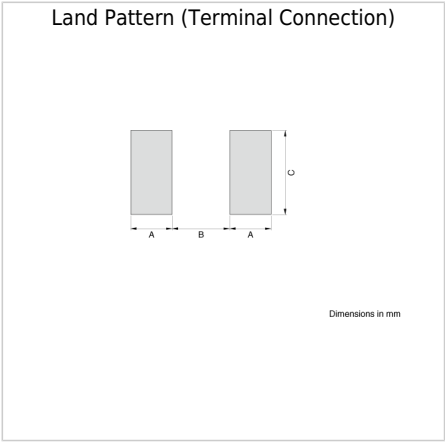
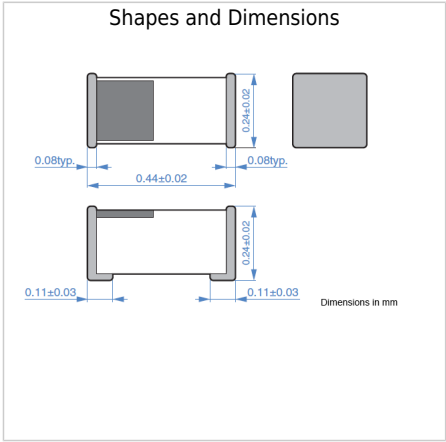
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.



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.