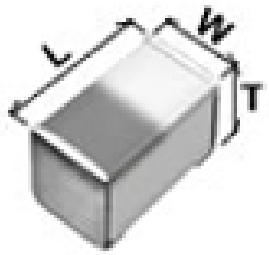
Creation Date : July 11, 2017 (GMT)

Inductors (Coils)

MHQ0603P33NHT000

RoHS | REACH SVHC-Free | Halogen Free | Lead Free

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
Brand	TDK



Size	
Length(L)	0.65mm ±0.05mm
Width(W)	0.35mm ±0.05mm
Thickness(T)	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	33nH ±3% at 300MHz
Rated Current	160mA
DC Resistance [Typ.]	2.06Ω
DC Resistance [Max.]	2.8Ω
Self Resonant Frequency [Min.]	1.8GHz
Self Resonant Frequency [Typ.]	2.5GHz
Q [Min.]	14 at 300MHz
Q [Typ.]	

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	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.

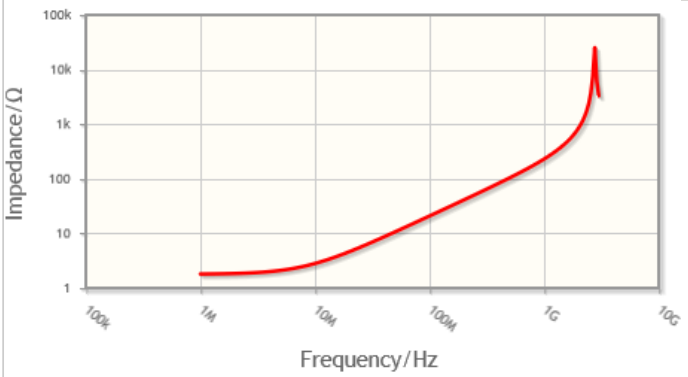
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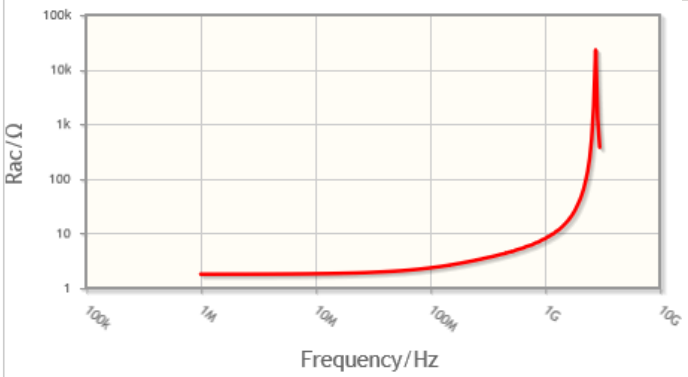
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

Impedance



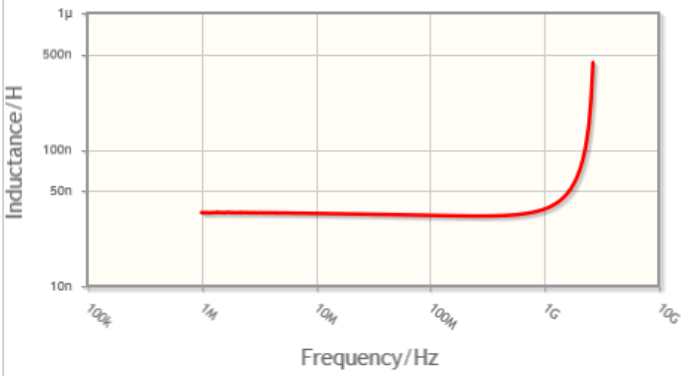
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Rac



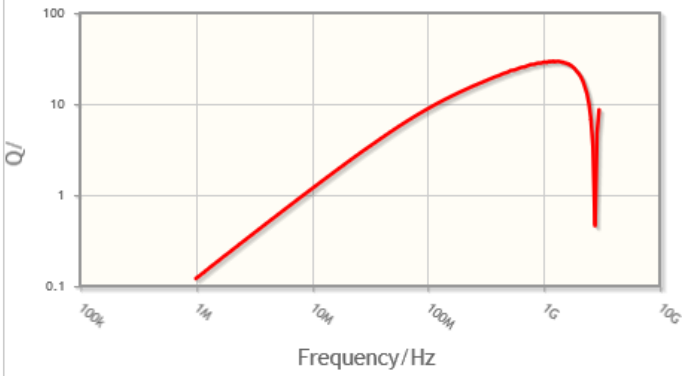
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Inductance



MHQ0603P33NHT000

Q



MHQ0603P33NHT000

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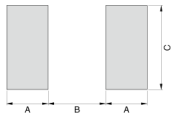
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Inductors (Coils)

MHQ0603P33NHT000

Associated Images

Land Pattern (Terminal Connection)



Dimensions in mm

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