



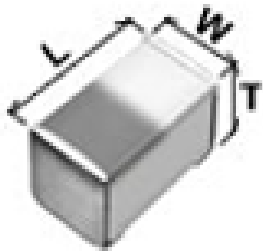




Applications	 Commercial Grade
Feature	 Multilayer
	 Non-Magnetic Core (Dielectric Ceramic)
Series	MHQ-P
Status	 Production



Size	
Length(L)	1.00mm +/-0.05mm
Width(W)	0.60mm +/-0.05mm
Thickness(T)	0.50mm +/-0.10mm
Recommended Land Pattern (A)	0.35mm Nom.
Recommended Land Pattern (B)	0.50mm Nom.
Recommended Land Pattern (C)	0.65mm Nom.

Electrical Characteristics	
Inductance	7.5nH +/-5% at 100MHz
Rated Current	600mA
DC Resistance [Nom.]	124.28mΩ
DC Resistance [Max.]	160mΩ
Self Resonant Frequency [Min.]	4GHz
Self Resonant Frequency [Typ.]	5.5868GHz
Q [Min.]	23 at 250MHz
Q [Typ.]	25 at 250MHz

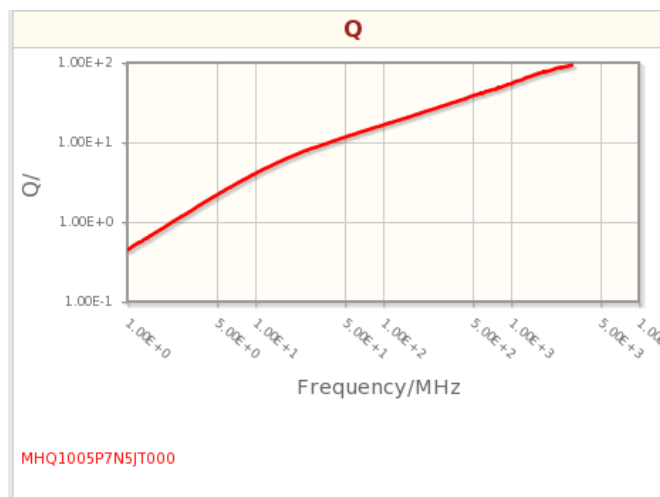
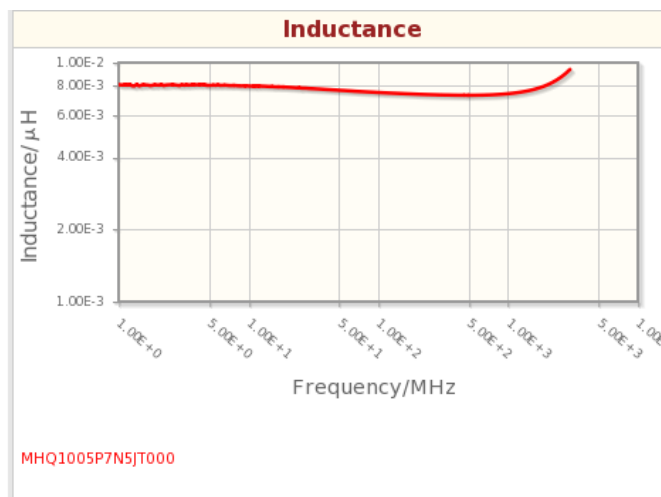
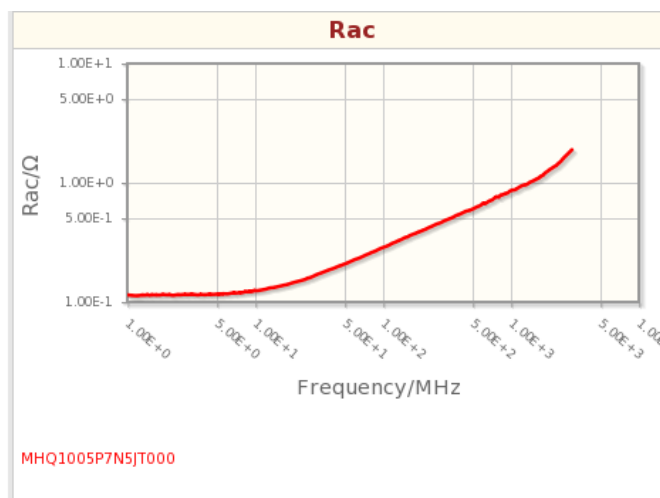
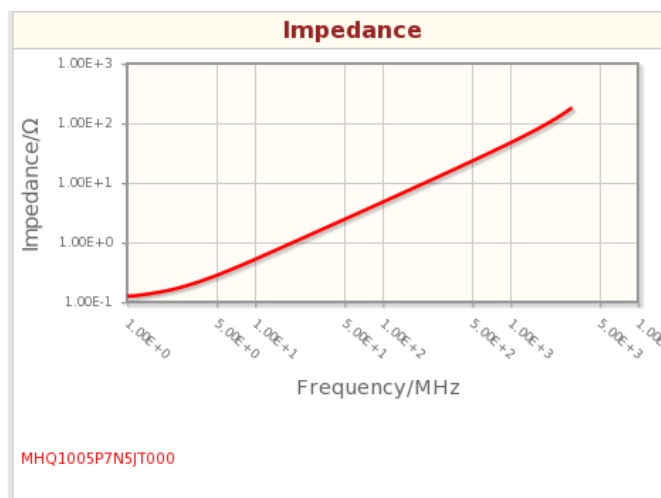
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs
Weight	0.001g

! 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.

MHQ1005P7N5JT000



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





Associated Images

