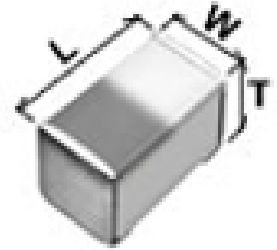


MHQ1005P3N9CT000



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	3.9nH +/-0.2nH at 100MHz
Rated Current	900mA
DC Resistance [Nom.]	68.56mΩ
DC Resistance [Max.]	90mΩ
Self Resonant Frequency [Min.]	5GHz
Self Resonant Frequency [Typ.]	7.6832GHz
Q [Min.]	23 at 250MHz
Q [Typ.]	27 at 250MHz

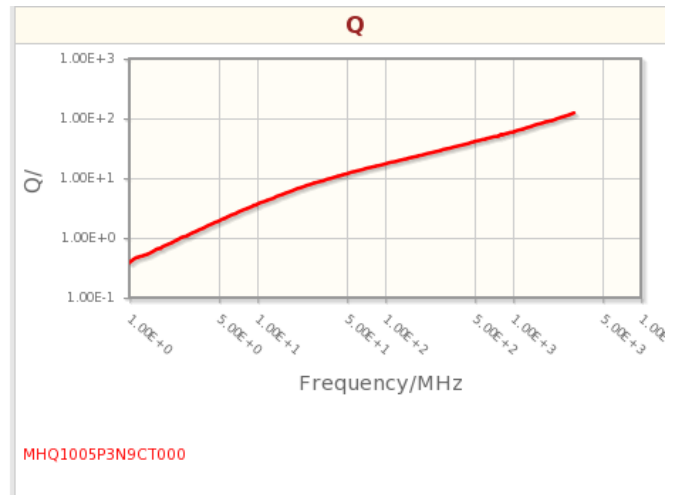
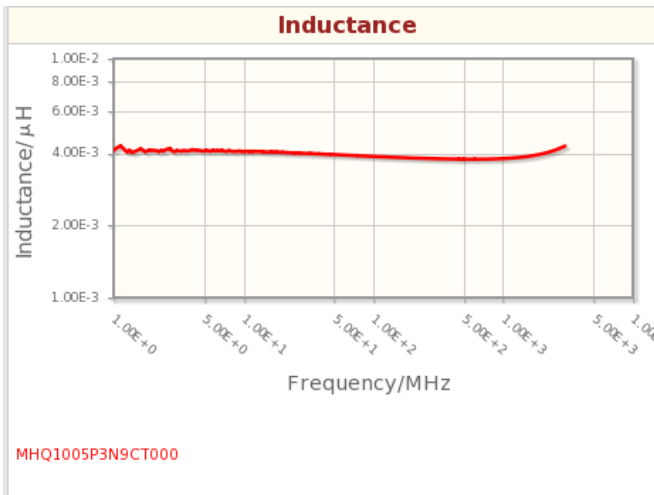
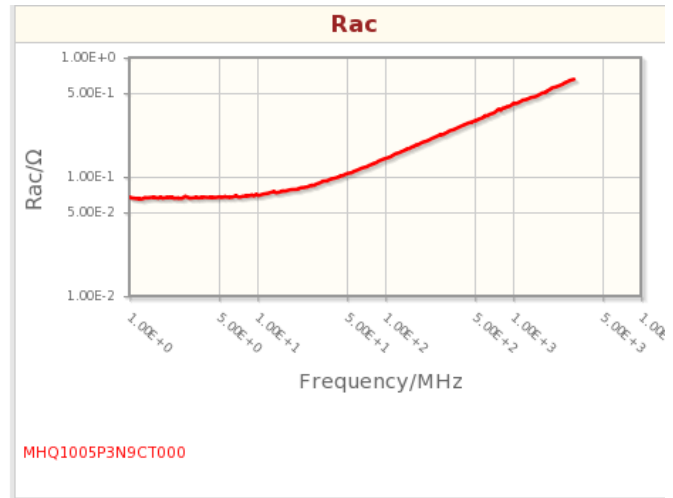
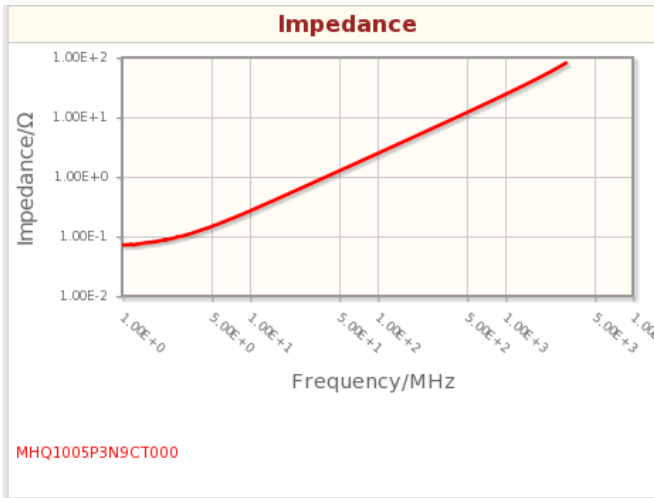
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs
Weight	0.001g

! 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.

MHQ1005P3N9CT000



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



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Associated Images

