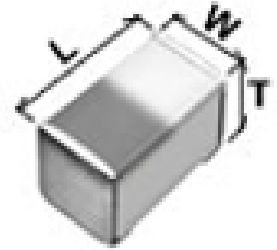


MHQ1005P1N2CT000



| | |
|---------------------|--|
| Applications | Commercial Grade |
| Feature | Multilayer Multilayer |
| | Non-Mag Core 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 | 1.2nH +/-0.2nH at 100MHz |
| Rated Current | 1.2A |
| DC Resistance [Nom.] | 10mΩ |
| DC Resistance [Max.] | 30mΩ |
| Self Resonant Frequency [Min.] | 13GHz |
| Self Resonant Frequency [Typ.] | 20GHz |
| Q [Min.] | |
| Q [Typ.] | |

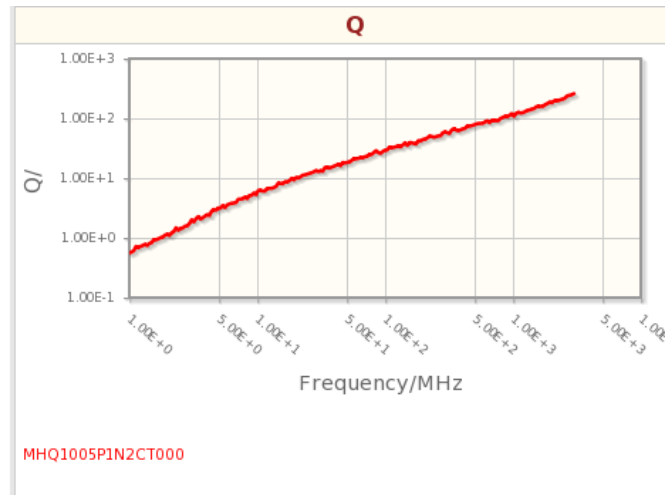
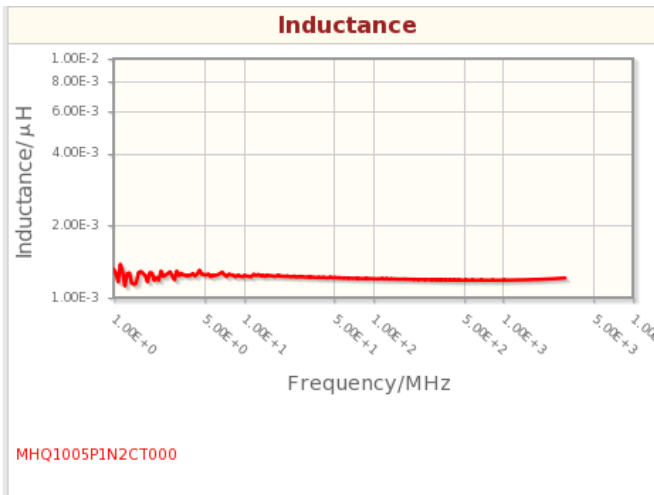
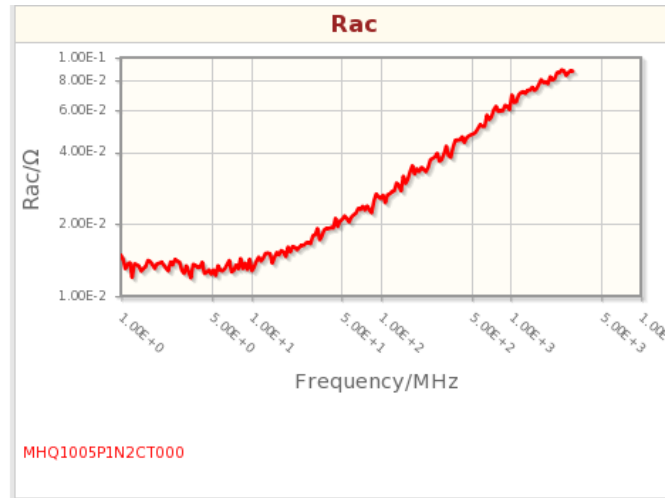
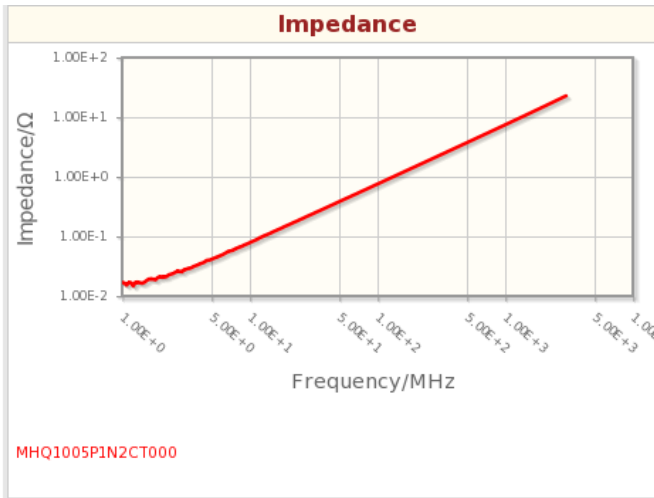
| Other | |
|---|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C |
| Soldering Method | Reflow |
| AEC-Q200 | No |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 10000pcs |
| Weight | 0.001g |

! 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.

MHQ1005P1N2CT000



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



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Associated Images

