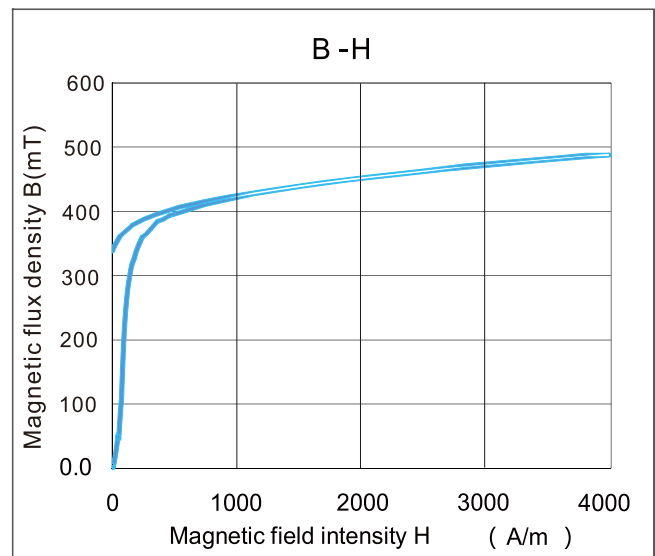
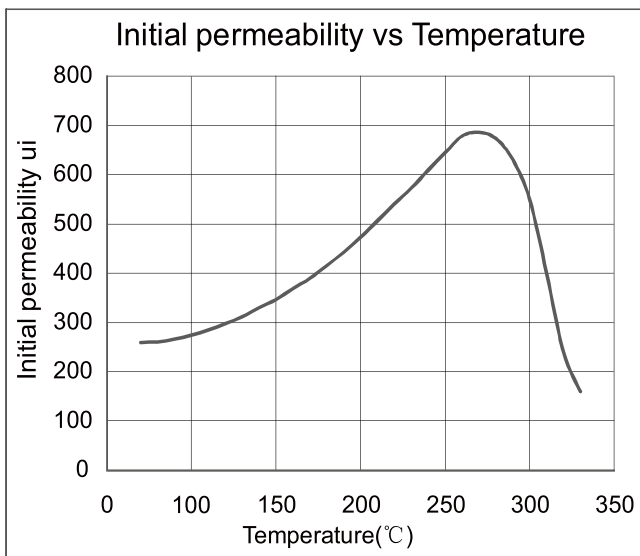
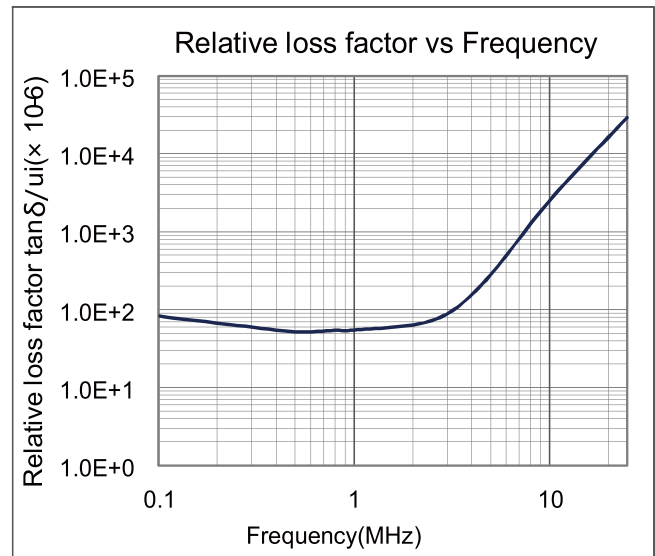
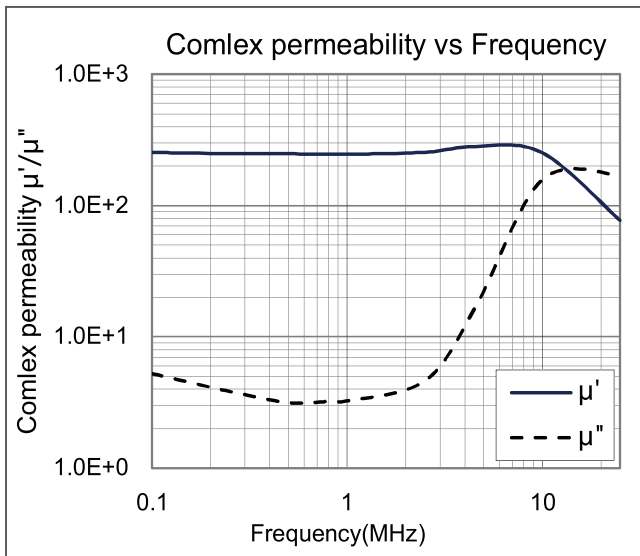


材质特性 Material characteristics
材质 Material:N251S

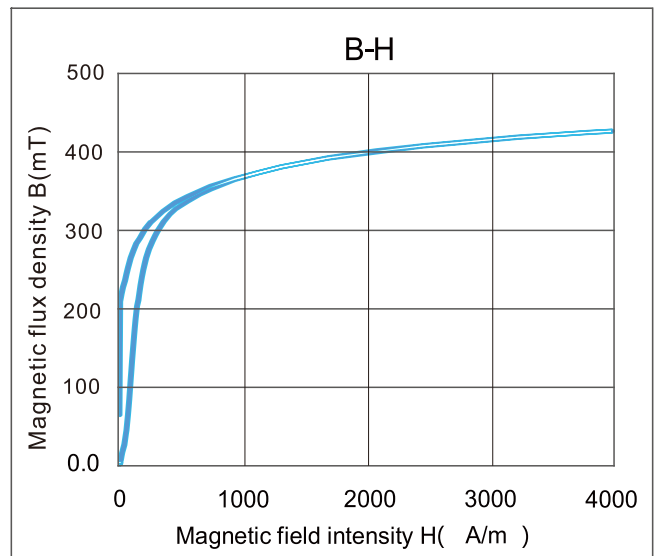
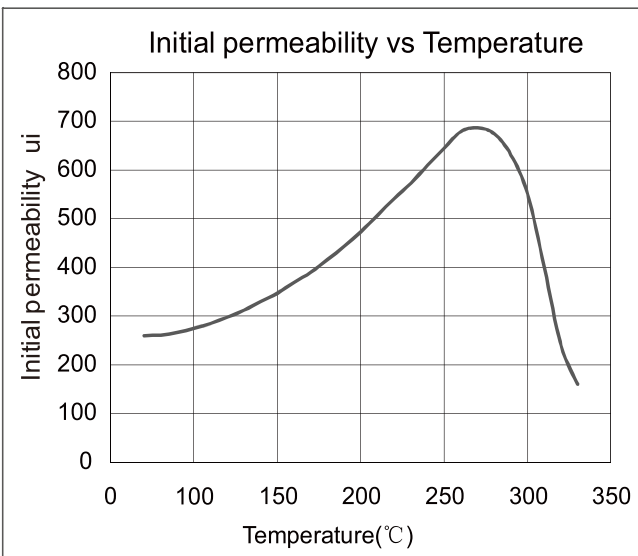
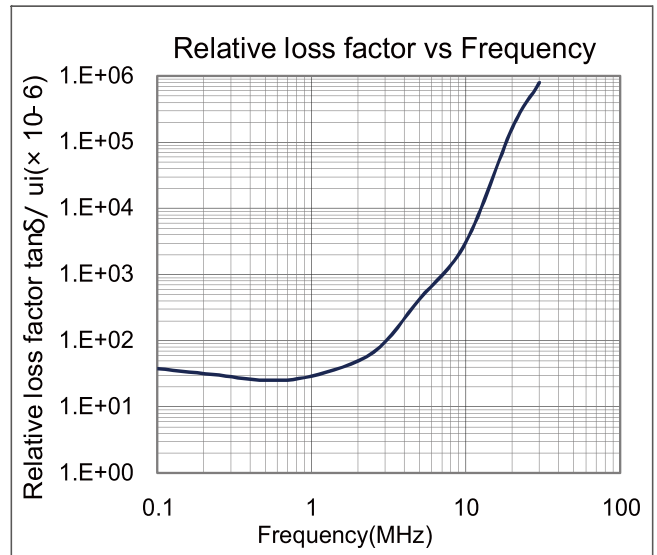
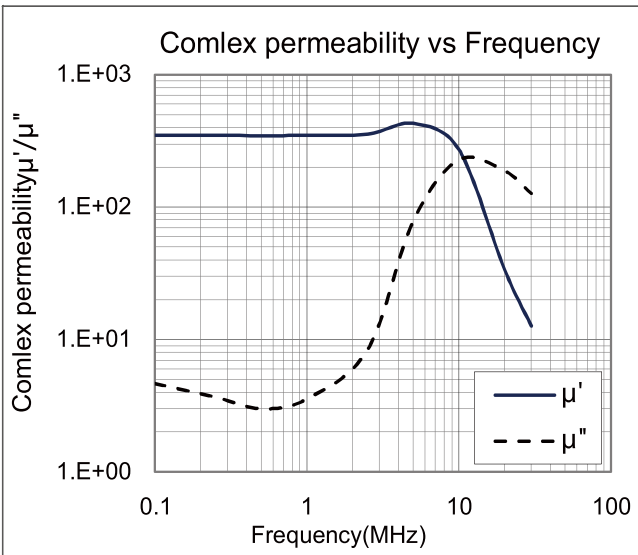
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 a_{u_i} | 居里温度Tc | 密度d | 电阻率p |
|----------|----------------------|----------------------------------|------|-------------------------------|-----|--|--------------------|------------------------|------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | $\times 10^{-6}/^{\circ}\text{C}$ (20-60) | $^{\circ}\text{C}$ | g/cm^3 | $\Omega - \text{m}$ |
| N251S | 250±25% | 480 | 4.0 | < 20 | 0.1 | 20 | > 280 | 5.0 | 10^6 |



测定样环：外径12.5 mm，内径7.9 mm，高度6.5 mm
Test core：OD=12.5mm，ID=7.9mm，TH=6.5mm

材质特性 Material characteristics
材质 Material:N401S

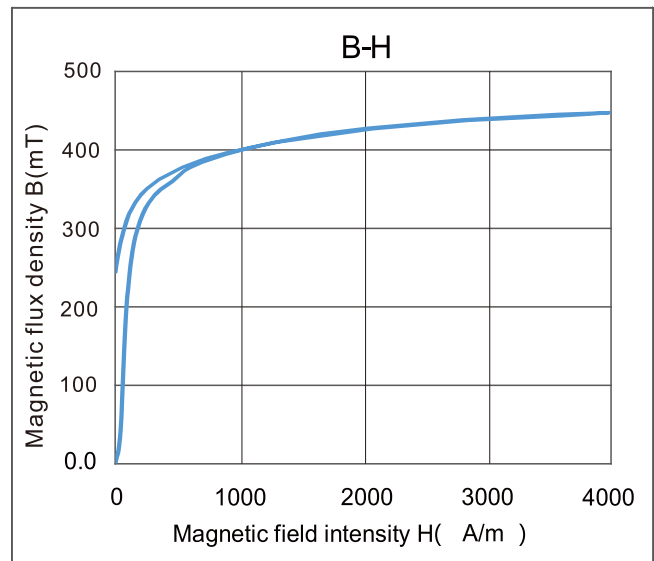
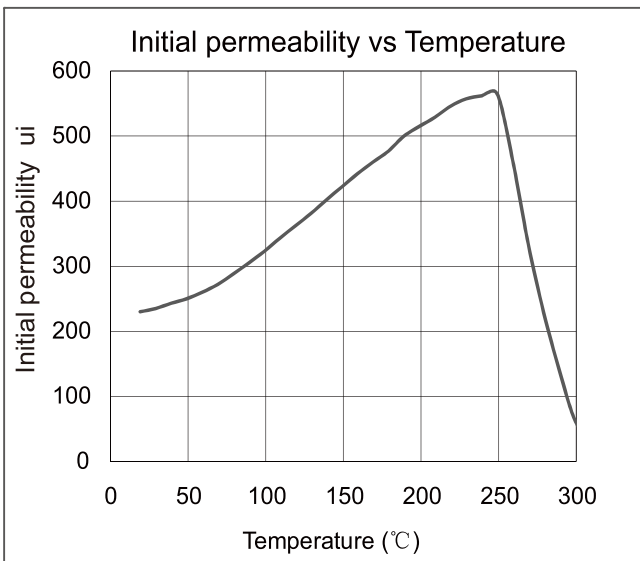
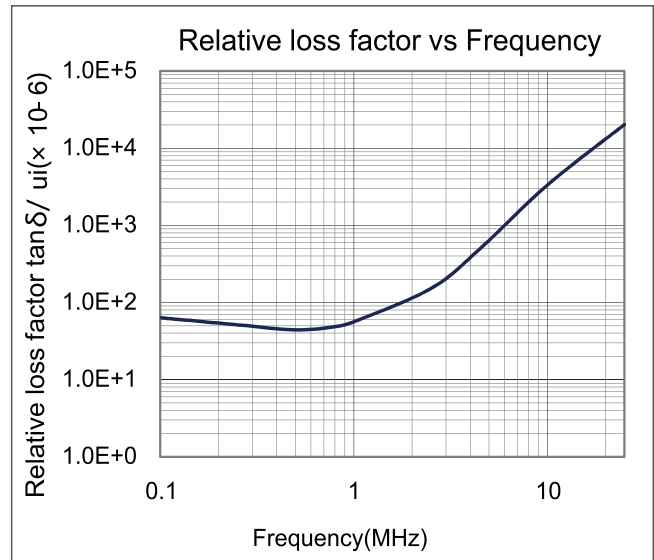
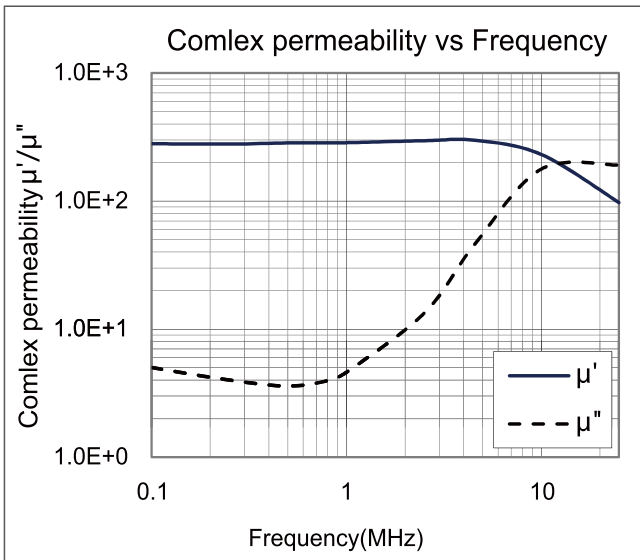
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 a u ir | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| N401S | 400±25% | 450 | 4.0 | < 20 | 0.1 | 20 | > 280 | 5.2 | 10^6 |



测定样环 : 外径12.5 mm , 内径7.9mm , 高度6.5mm
Test core : OD=12.5mm , ID=7.9mm , TH=6.5mm

材质特性 Material characteristics
材质 Material:N251H

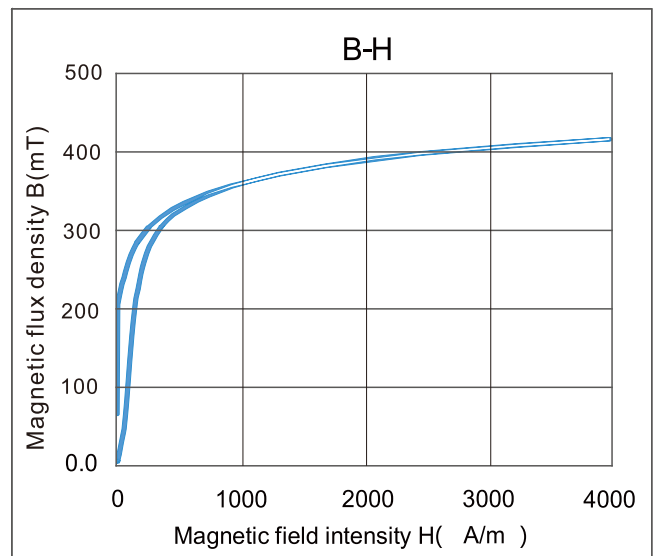
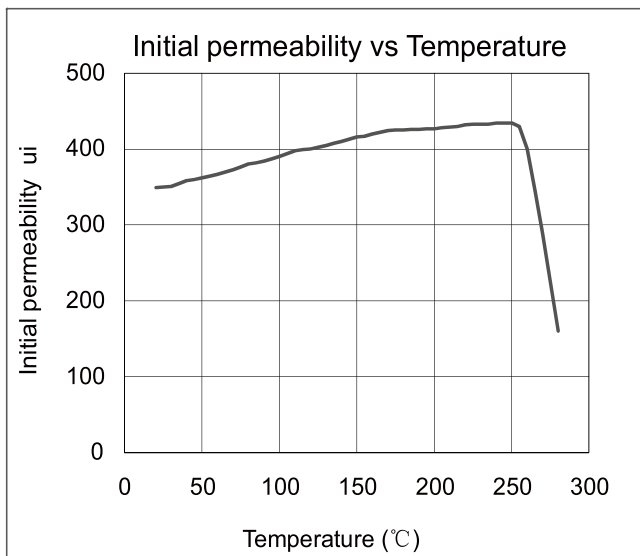
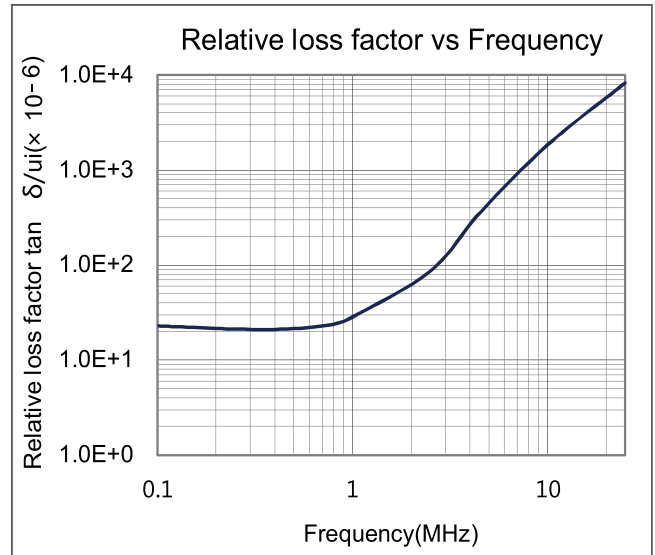
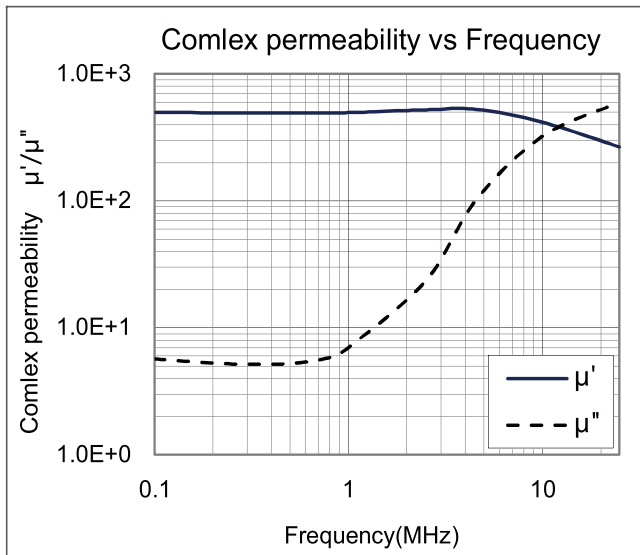
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 a u ir | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| N251H | 250±25% | 440 | 4.0 | < 20 | 0.1 | 20 | > 250 | 5.02 | 10 ⁶ |



测定样环：外径12.5 mm，内径7.9 mm，高度6.5 mm
Test core：OD=12.5mm，ID=7.9mm，TH=6.5mm

材质特性 Material characteristics
材质 Material:N401H

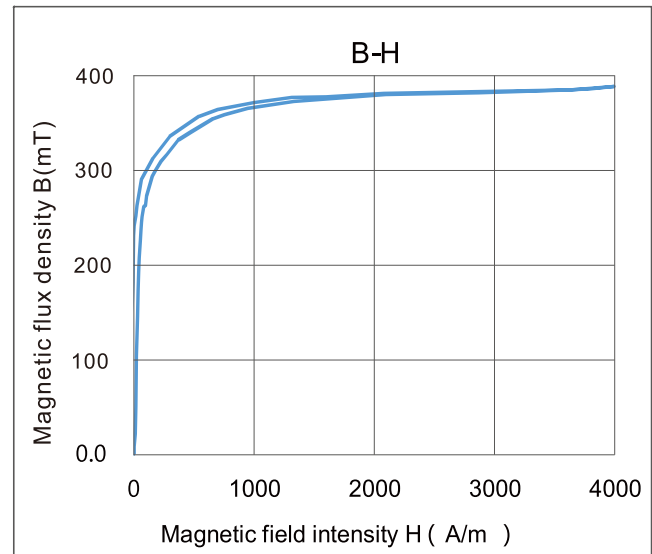
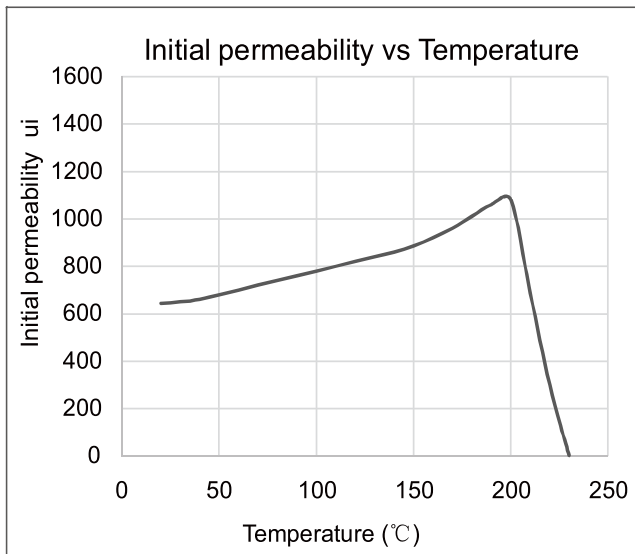
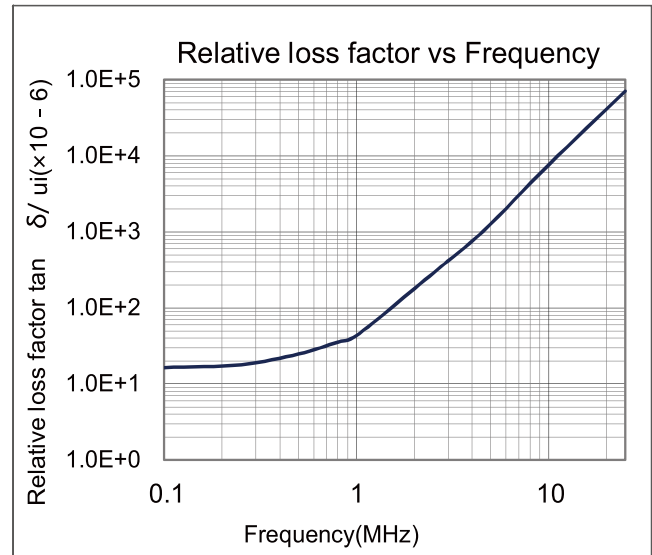
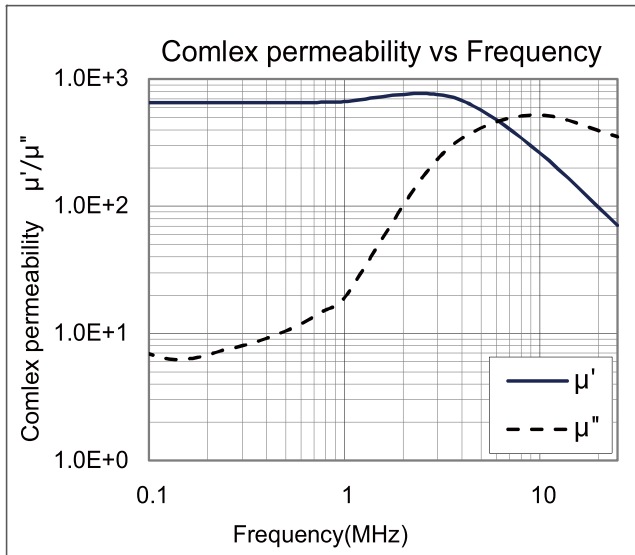
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 a u ir | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| N401H | 400±25% | 420 | 4.0 | < 18 | 0.1 | 15 | > 230 | 5.02 | 10^6 |



测定样环：外径12.5mm，内径7.9mm，高度6.5mm
Test core: OD=12.5mm，ID=7.9mm，TH=6.5mm

材质特性 Material characteristics
材质 Material:N651H

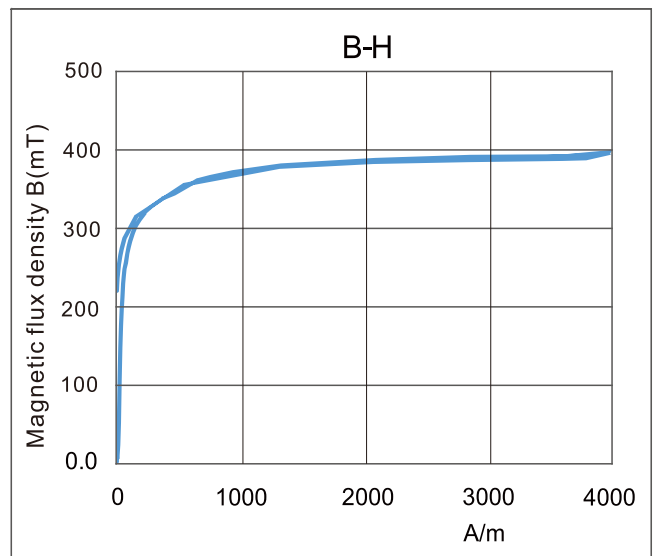
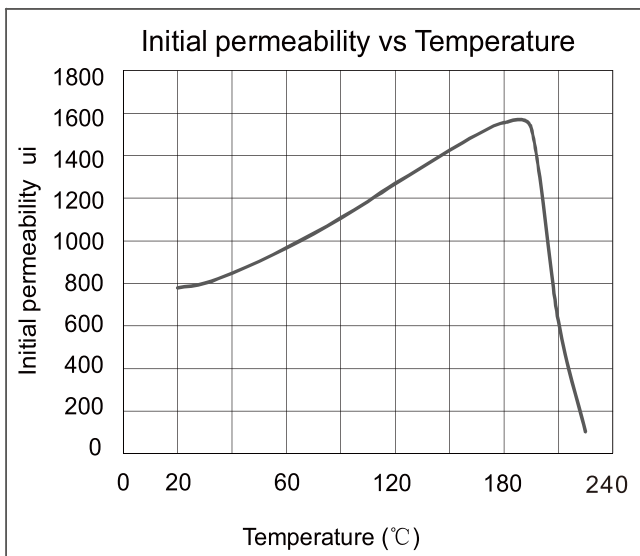
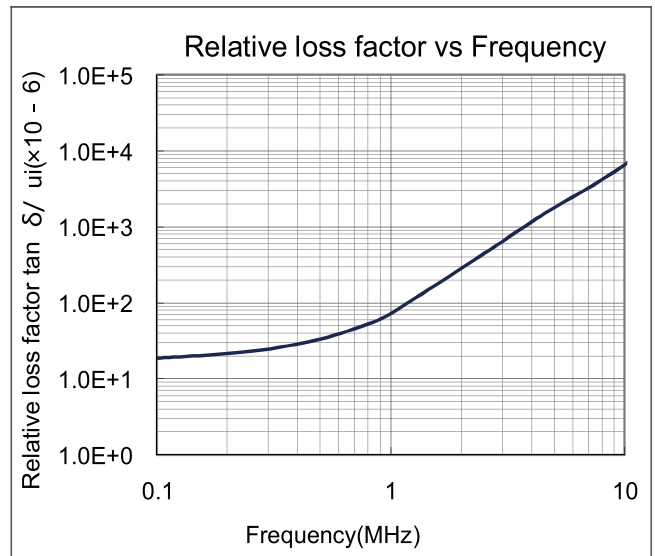
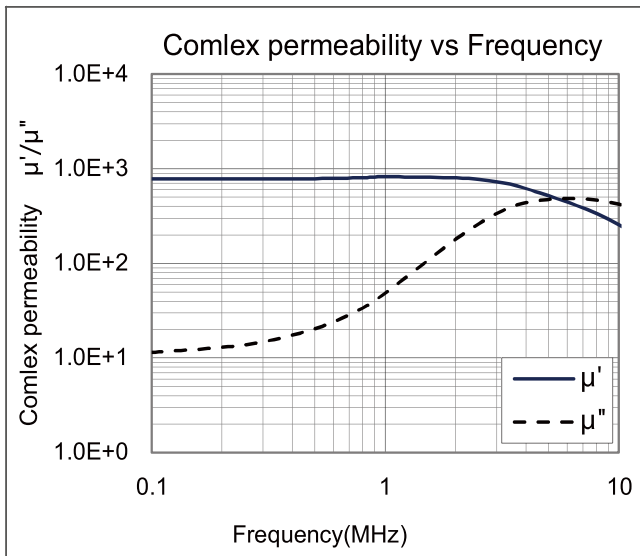
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 a_{u_i} | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| N651H | 650±25% | 370 | 4.0 | < 15 | 0.1 | 15 | > 200 | 5.2 | 10^6 |



测定样环 : 外径12.5mm , 内径7.9mm , 高度6.5mm
Test core : OD=12.5mm ID=7.9mm TH=6.5mm

材质特性 Material characteristics
材质 Material:N801S

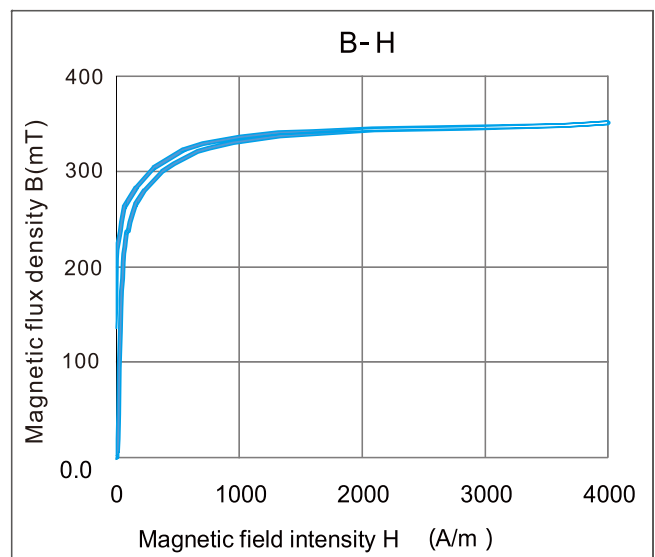
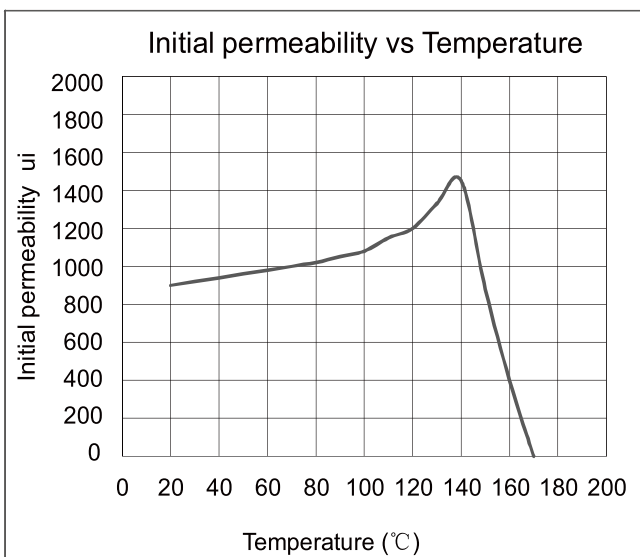
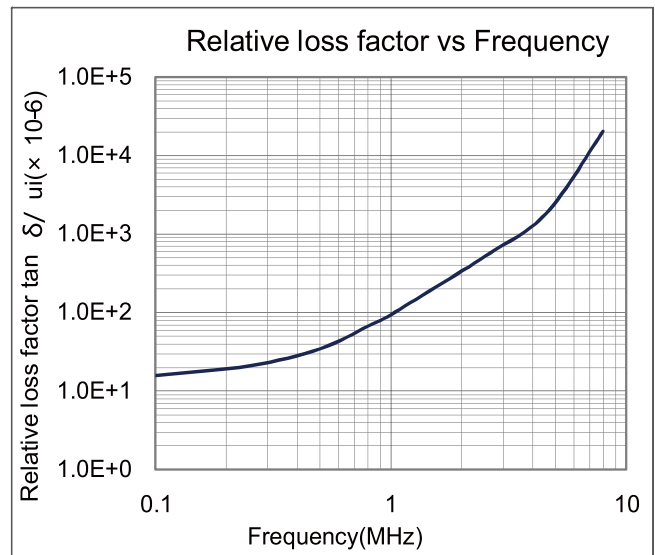
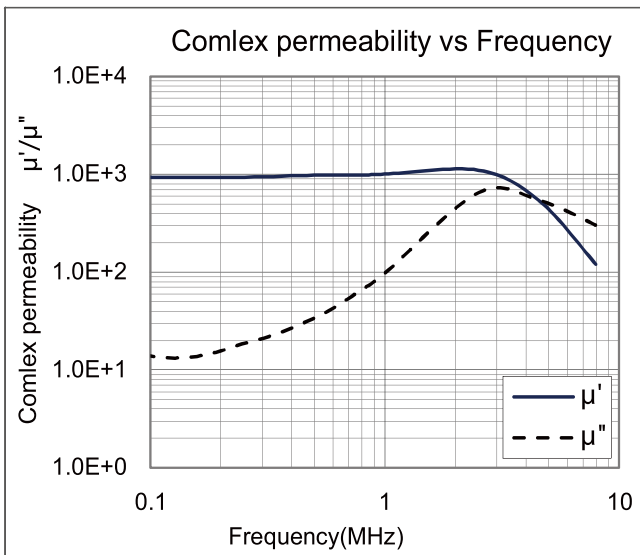
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 a_{u_i} | 居里温度Tc | 密度d | 电阻率 ρ |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| N801S | 800±25% | 390 | 4.0 | < 15 | 0.1 | 10 | > 200 | 5.2 | 10^6 |



测定样环：外径12.5mm，内径7.9mm，高度6.5mm
Test core: OD=12.5mm, ID=7.9mm, TH=6.5mm

材质特性 Material characteristics
材质 Material:N102L

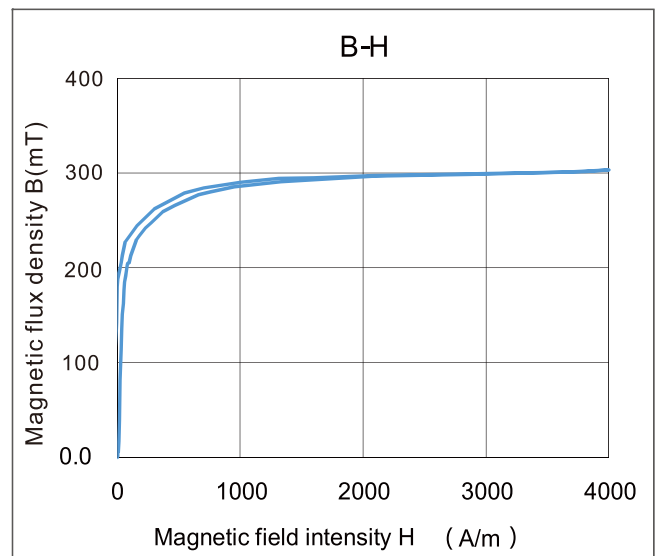
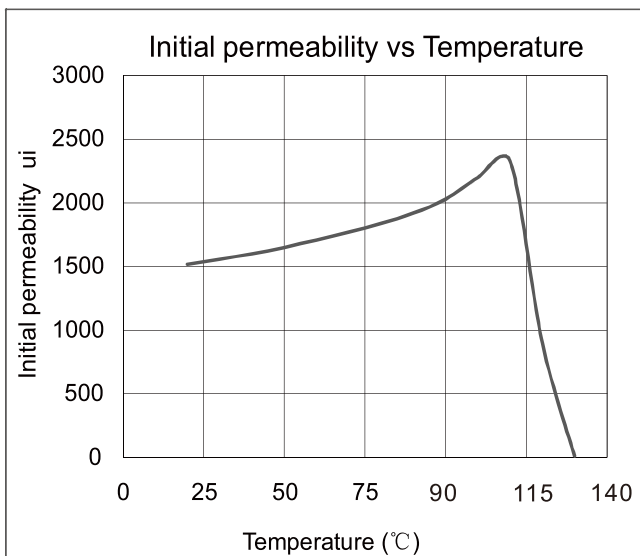
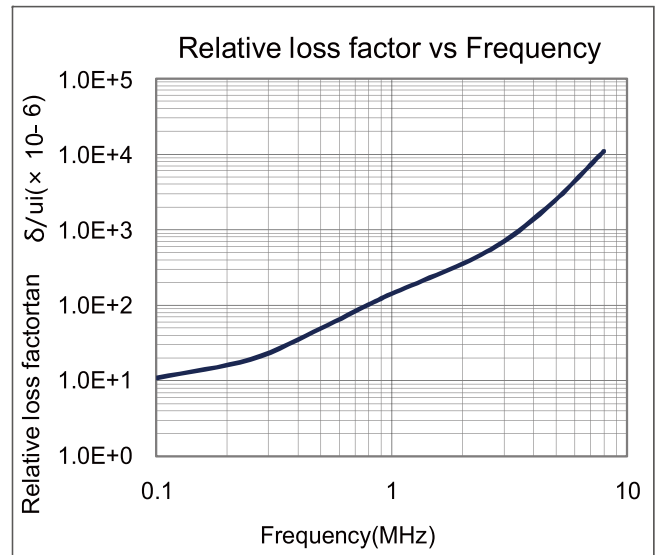
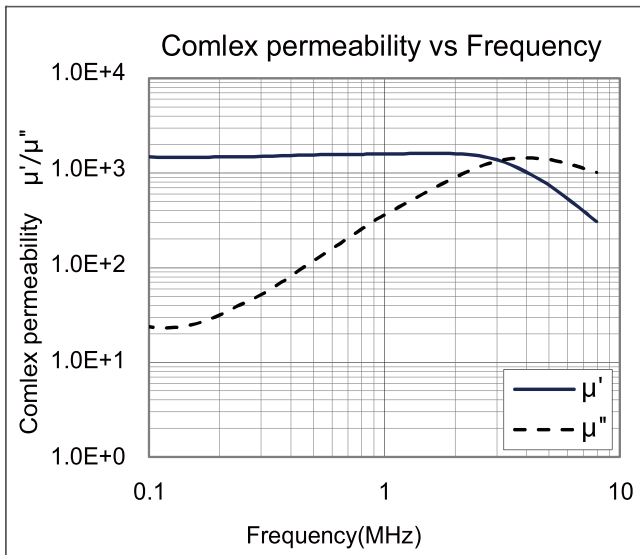
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 $a_{u ir}$ | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| N102L | 1000±25% | 360 | 4.0 | < 10 | 0.1 | 10 | > 130 | 5.2 | 10 ⁶ |



测定样环：外径12.5mm，内径7.9mm，高度6.5mm
Test core: OD=12.5mm，ID=7.9mm，TH=6.5mm

材质特性 Material characteristics
材质 Material:N152P

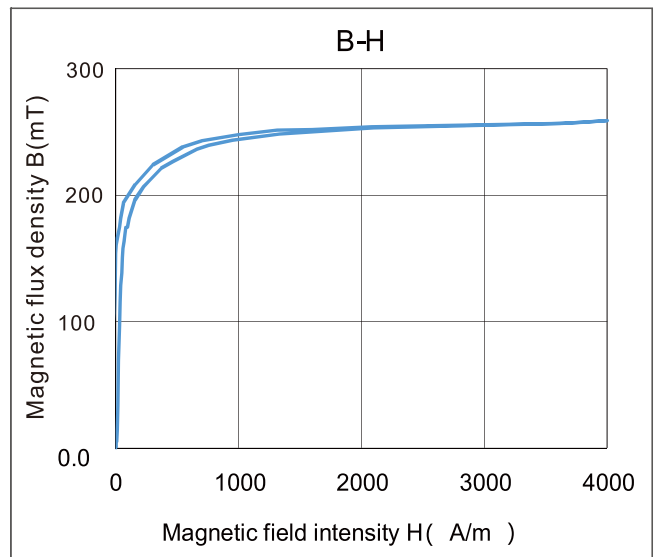
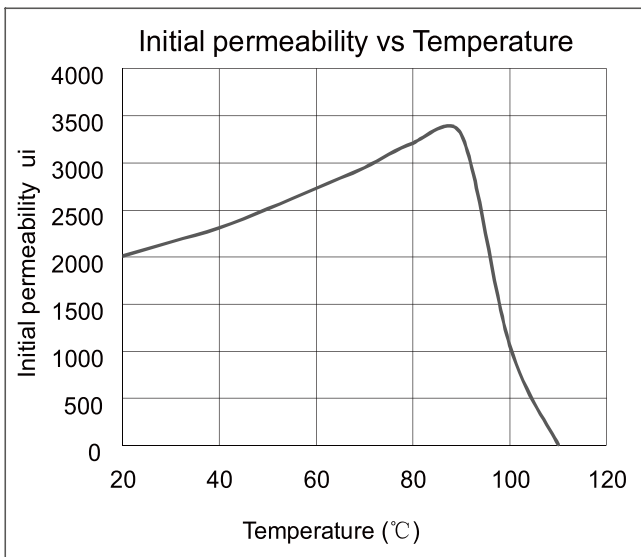
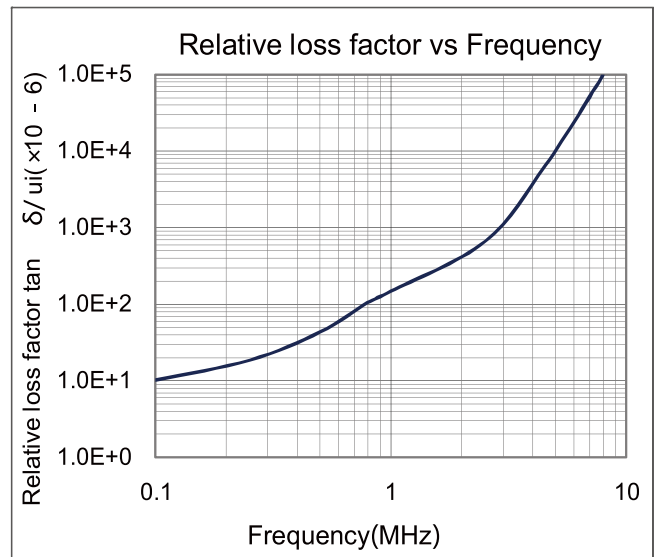
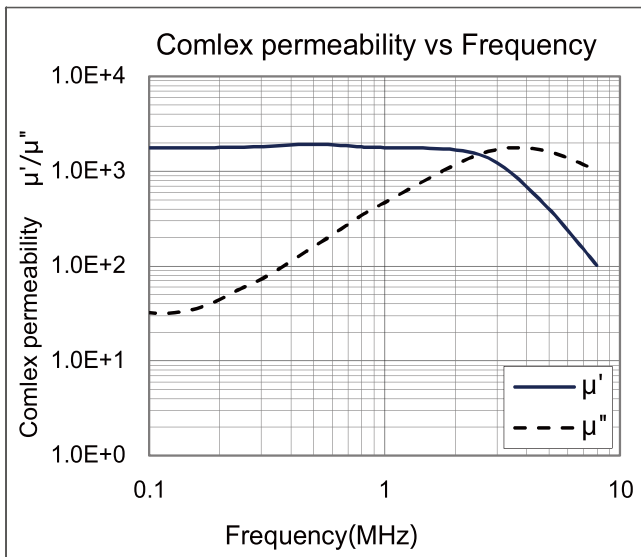
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 $a_{u\ i r}$ | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| N152P | 1500±25% | 300 | 4.0 | < 10 | 0.1 | 5 | > 100 | 5.2 | 10^6 |



测定样环：外径12.5mm，内径7.9mm，高度6.5mm
Test core: OD=12.5mm，ID=7.9mm，TH=6.5mm

材质特性 Material characteristics
材质 Material:N202P

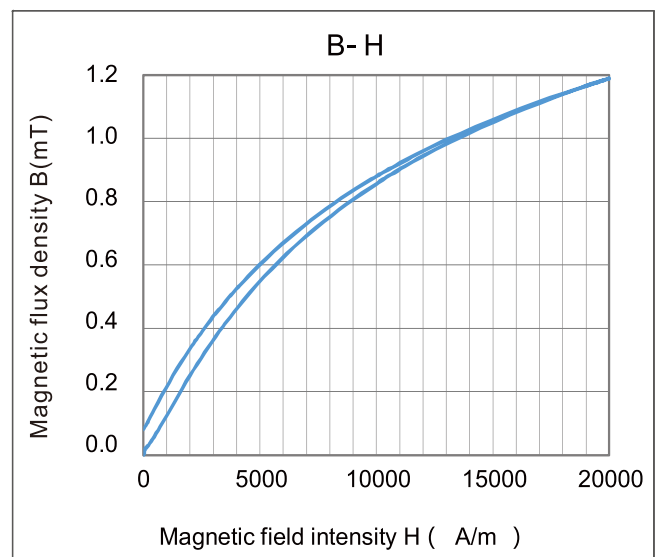
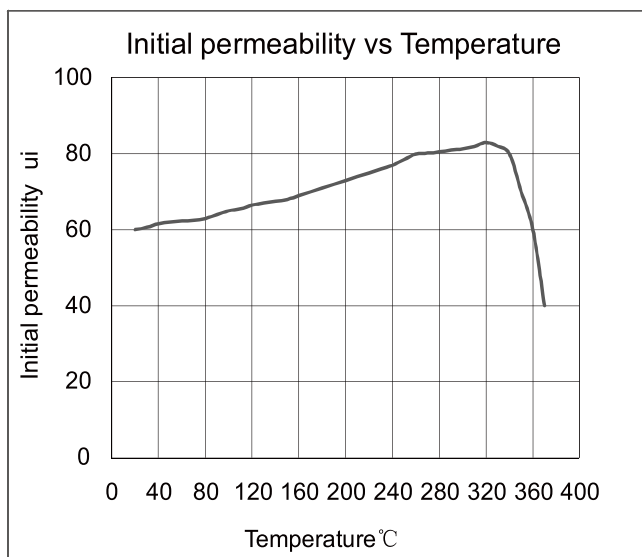
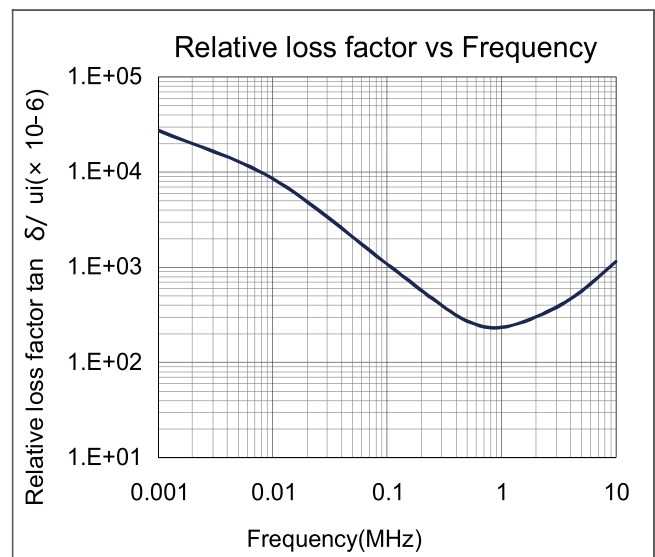
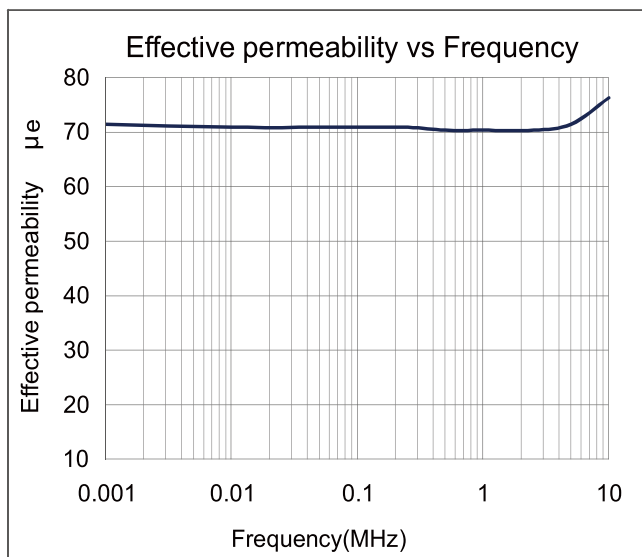
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 $a_{u_i r}$ | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| N202P | 2000±25% | 250 | 4.0 | < 10 | 0.1 | 3 | > 80 | 5.2 | 10^6 |



测定样环：外径12.5mm，内径7.9mm，高度6.5mm
Test core：OD=12.5mm，ID=7.9mm，TH=6.5mm

材质特性 Material characteristics
材质 Material:合金A500S

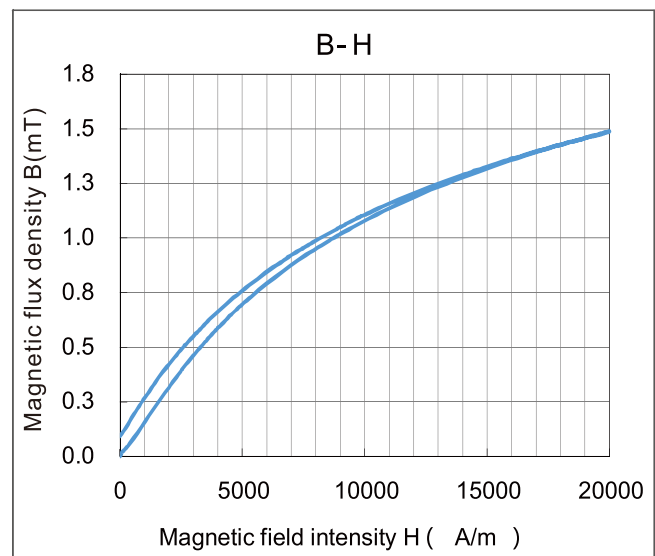
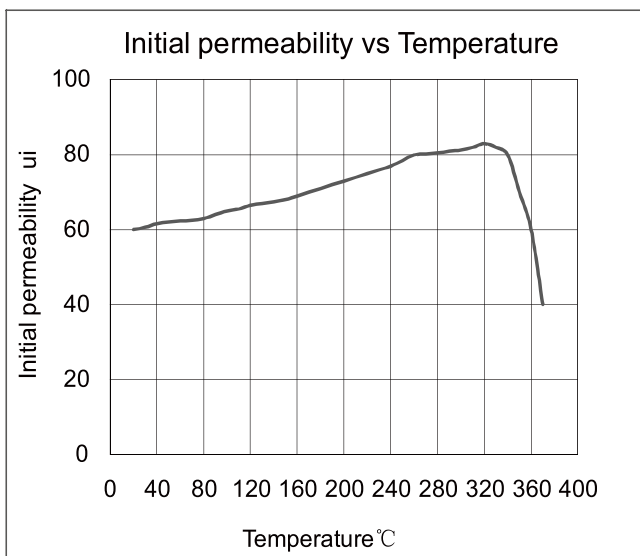
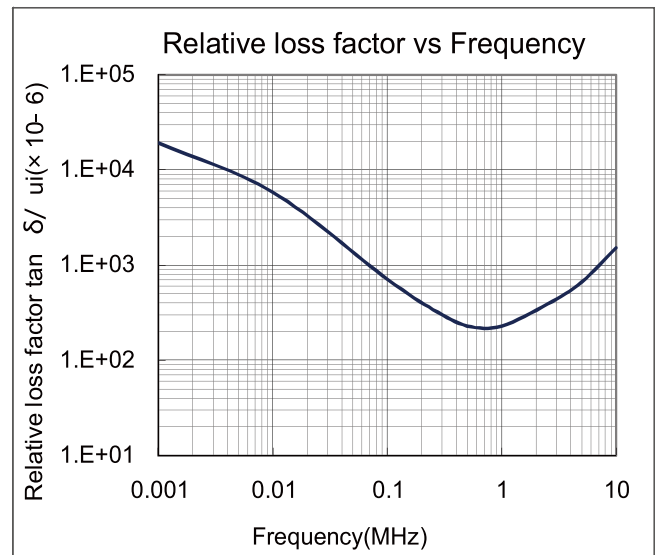
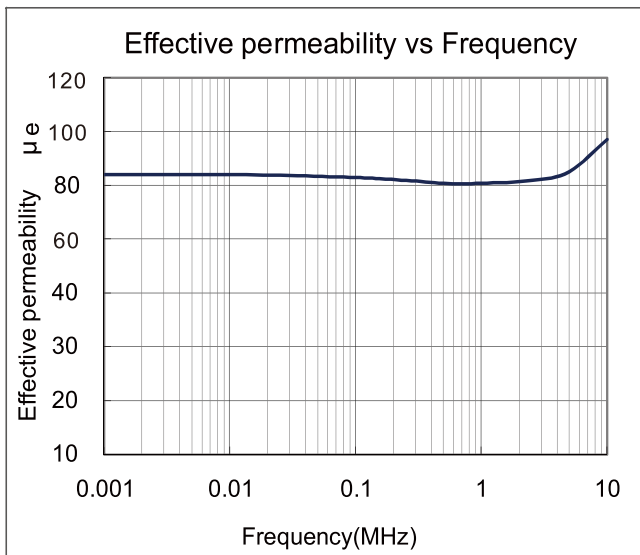
| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 $a_{u\ ir}$ | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| 合金A500S | 70 \pm 10% | 1200 | 20.0 | < 30 | 1 | / | > 300 | 6.3 | 10 ⁵ |



测定样环 : 外径12.5 mm , 内径7.9 mm , 高度6.5 mm
Test core : OD=12.5mm , ID=7.9mm , TH=6.5mm

材质特性 Material characteristics
材质 Material:合金A600S

| 材质 | 初始磁导率 μ_i | 饱和磁感应 强度Bs | | 相对损耗因子 $\tan \delta/\mu_i$ | | 比温度系数 $a_{u ir}$ | 居里温度Tc | 密度d | 电阻率p |
|----------|-------------------------|--|------|-------------------------------|-----|--|----------------------|---------|---------------------------|
| Material | Initial Permeability | Saturation magnetic flux density | | Relative loss factor | | Relative temperature factor of μ_i | Curie Temperature | Density | Electrical resistivity |
| | | mT | KA/m | $\times 10^{-6}$ | MHZ | | | | |
| 合金A600S | 80±10% | 1500 | 20.0 | < 25 | 1 | / | > 320 | 6.3 | 10^5 |



测定样环：外径12.5mm，内径7.9mm，高度6.5mm
Test core: OD=12.5mm，ID=7.9mm，TH=6.5mm