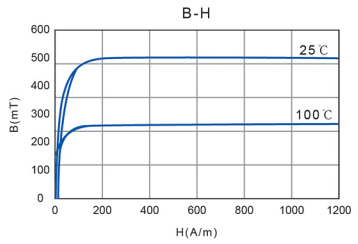
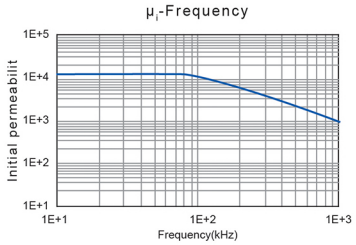
# Material: FW13K

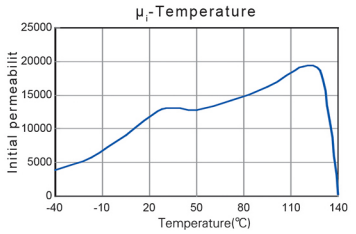
## Features:

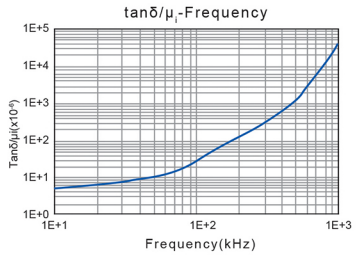
◎1. High Initial Permeability(about 13000)

| | | | |
|---|---|---|---|
| Initial permeability | $\mu_i$ | 25℃ | 13000±30% |
| Saturation magnetic flux density | Bs(mT) 1194A/m | 25℃ | 360 |
| Remanence | Br(mT) | 25℃ | 100 |
| Coercivity | Hc(A/m) | 25℃ | 4.4 |
| Relative loss factor | tanδ/$\mu_i$ ($x10^{-6}$) | 25℃ 10kHz | <7 |
| Relative temperature coefficient | αμir ($x10^{-6}$/℃) | 20℃～60℃ | -0.5～3.0 |
| Disaccommodation factor | $D_F$ ($x10^{-6}$) | 1～10min | <2.0 |
| Curie temperature | Tc(℃) | | ≥115 |
| Electrial resistivity | ρ(Ω·m) | | 0.15 |
| Density | d($kg/m^3$) | | $4.95\times10^3$ |
| Test core:Toroid(mm) OD：18 ID：8 H：5 | | | |








Material: FW13K