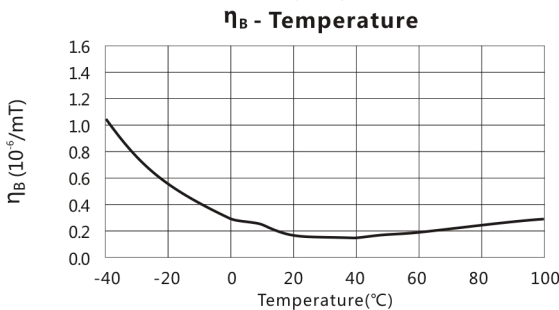
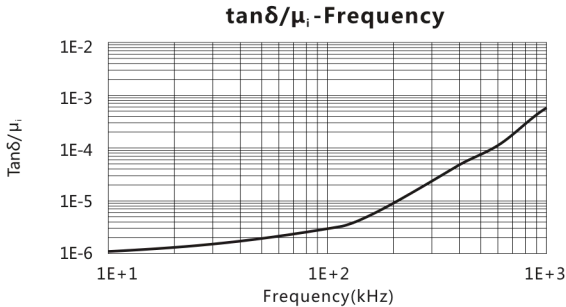
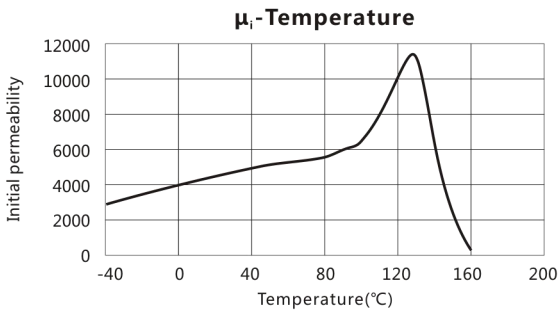
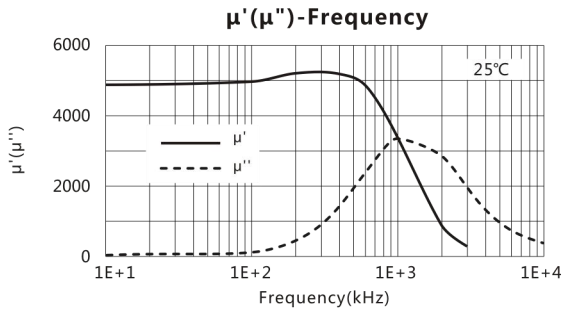


材料 / Material: TH4

特点 / Features:

1. 宽温(-40°C~85°C)低磁滞损耗系数 / Low Magnetic Hysteresis Material Constant in a Wide Temperature Ranges(-40°C to 85°C)
2. 低比损耗因子 / Low Relative Loss Factor
3. 较高的初始磁导率 / High Initial Permeability



| | | | |
|----------------------------------|--|-------------|-------------------|
| Initial permeability | μ_i | 25°C | 4000±25% |
| Saturation magnetic flux density | B_s (mT) | 25°C | 430 |
| flux density | | 100°C | 270 |
| Remanent flux density | B_r (mT) | 25°C | 80 |
| | | 100°C | 70 |
| Coercivity | H_c (A/m) | 25°C | 8 |
| | | 100°C | 6 |
| Relative loss factor | $\tan\delta/\mu_i$ ($\times 10^{-6}$) | 25°C 10kHz | <5 |
| | | 25°C 500kHz | <70 |
| Hysteresis material constant | η_B ($10^{-6}/mT$) | 25°C 10kHz | <0.3 |
| | | 1.5~3mT | |
| Relative temperature coefficient | $\alpha_{\mu ir}$ ($\times 10^{-6}/^\circ C$) | 5°C~25°C | 0.3~1.5 |
| | | 25°C~55°C | -0.3~1 |
| Curie temperature | T_c (°C) | | ≥140 |
| Electrical resistivity | ρ ($\Omega \cdot m$) | | 0.8 |
| Density | d (kg/m^3) | | 4.9×10^3 |

Test core : Toroid(mm)

OD : 18

ID : 8

H : 5

