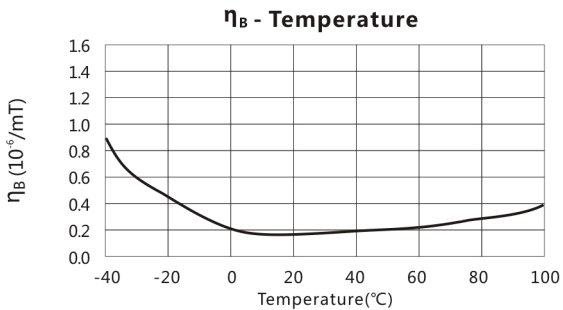
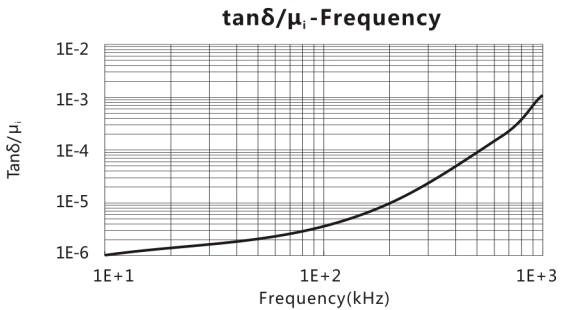
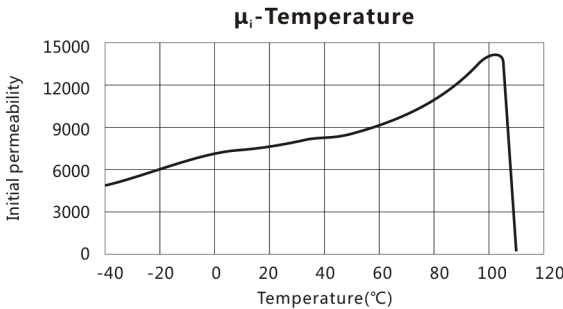
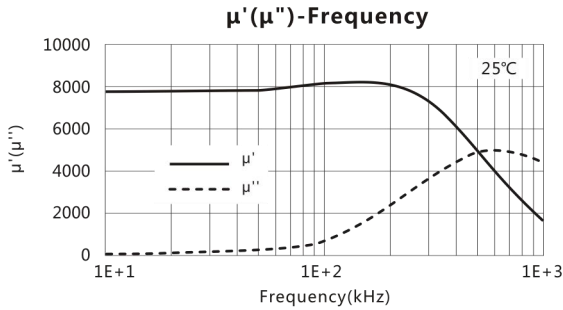


材料 / Material: TH7

特点 / Features:

1. 低磁滞损耗系数 / Low Magnetic Hysteresis Material Constant
2. 低比损耗因子 / Low Relative Loss Factor
3. 高初始磁导率 / High Initial Permeability



Initial permeability	μ_i	25°C	7500±30%
Saturation magnetic flux density	B_s (mT)	25°C	390
		100°C	160
Remanent flux density	B_r (mT)	25°C	90
		100°C	80
Coercivity	H_c (A/m)	25°C	8
		100°C	6
Relative loss factor	$\frac{\tan\delta}{\mu_i}$ ($\times 10^{-6}$)	25°C 10kHz	< 2
Hysteresis material constant	η_B (10^{-6} /mT)	25°C 10kHz	< 0.2
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times 10^{-6}/^\circ\text{C}$)	-40°C~25°C 25°C~85°C	0.5~1.5 0.5~2.0
Curie temperature	T_c (°C)		≥105
Electrical resistivity	ρ ($\Omega\cdot\text{m}$)		0.5
Density	d (kg/m^3)		4.95×10^3

Test core : Toroid(mm)

OD : 18

ID : 8

H : 5

