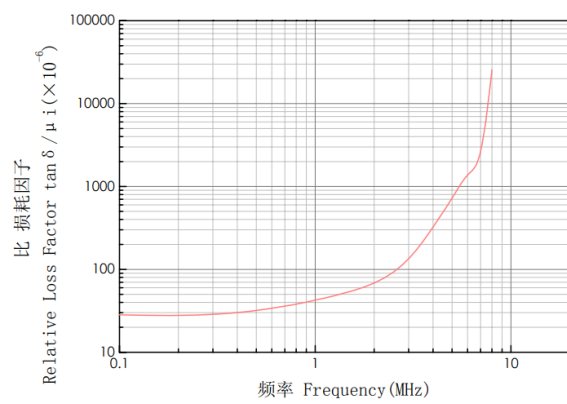
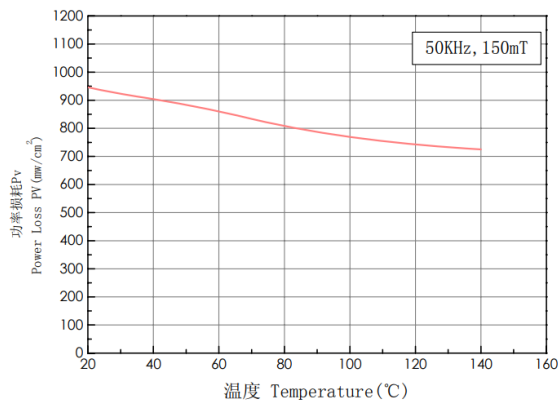
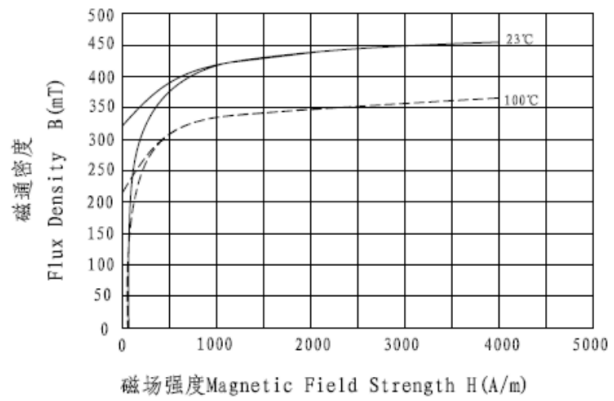
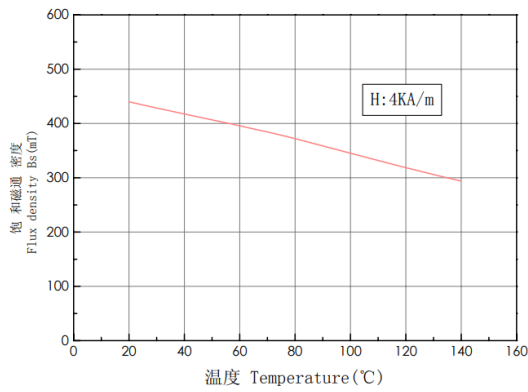
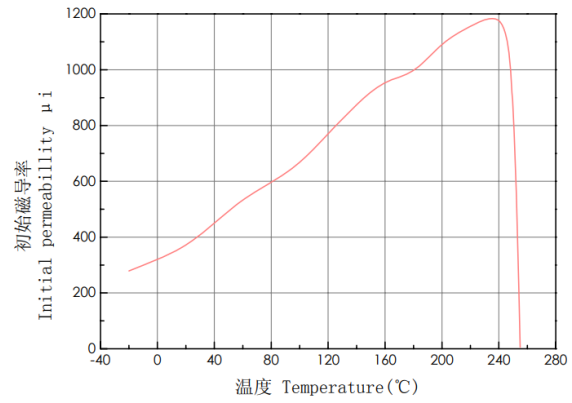
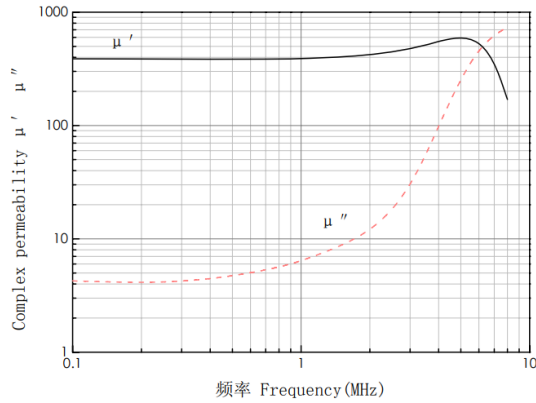


DN45H 材料特性

DN45H Material Characteristics

特性 CHARACTERISTICS	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 μ_i Initial Permeability	1KHz, B<0.25mT	25°C	400±25%
比损耗系数 $\tan\delta/\mu_i (\times 10^{-6})$ Relative Loss Factor	100kHz	25°C	45
饱和磁感应强度 B_s (mT) Saturation Magnetic Flux Density	50Hz, H=4000A/m	25°C	430
		100°C	320
剩磁 B_r (mT) Residual Flux Density	50Hz, H=4000A/m	25°C	150
		100°C	150
矫顽力 H_c (A/m) Coercive Force	50Hz, H=4000A/m	25°C	40
比温度系数 $\alpha_{\mu r} (\times 10^{-6}/^\circ\text{C})$ Relative Temperature Coefficient		20°C~ 60°C	14~30
功耗 P_v (mW/cm ³) Power Loss	50kHz, 150mT	25°C	950
		140°C	750
居里温度 T_c (°C) Curie Temperature	f=10kHz, B<0.25mT		>240
电阻率 ρ ($\Omega\cdot\text{m}$) Resistivity		25°C	>10 ⁶
密度 d (g/cm ³) Density		25°C	5.2



以上数据是根据标准样环 $\phi 25 \times \phi 15 \times 8$ 获得的典型数据，有关产品的具体性能会在此基础上有所调整。

The above typical data are calculated from the standard toroid core. Specific performance of the product will be adjusted on this basis.