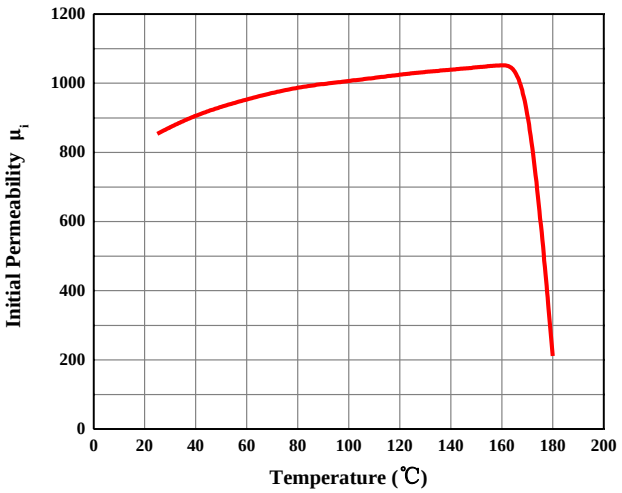
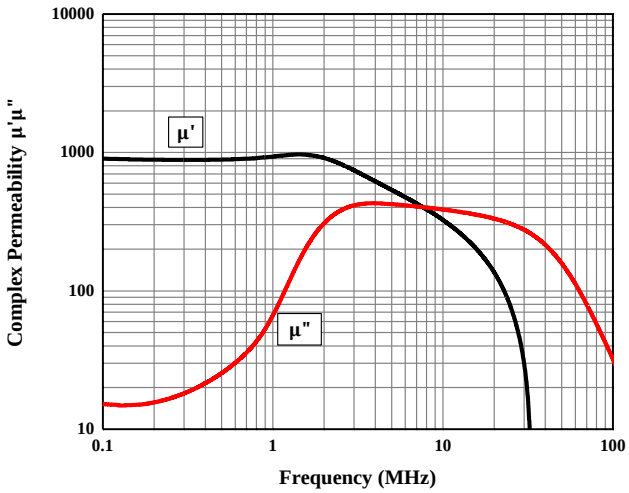
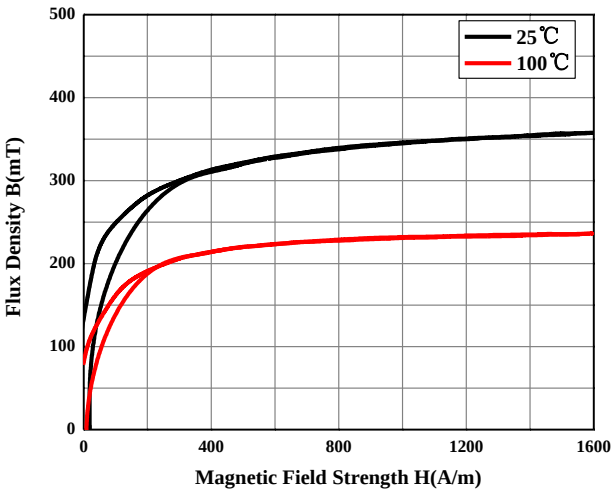
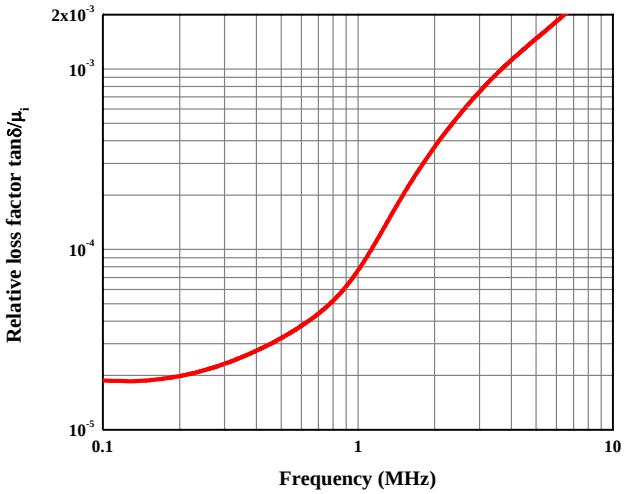
DN85H 材料特性
DN85H Material Characteristics

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	850±25%
工作频率 f (MHz) Working frequency			0.1-1.5
比损耗系数 tanδ/μ_i ($\times10^{-6}$) Relative Loss Factor	100kHz	25°C	16
饱和磁感应强度 Bs (mT) Saturation Magnetic Flux Density	50Hz, H=1600A/m	25°C	350
剩磁 Br (mT) Residual Flux Densinty	50Hz, H=1600A/m	25°C	200
矫顽力 Hc (A/m) Coercive Force	50Hz, H=1600A/m	25°C	20
比温度系数 $\alpha_{\mu r}$ ($\times10^{-6}$/℃) Relative Temperature Coefficient		20°C～60°C	5~20
居里温度 Tc (°C) Curie Temperature	f=10kHz, B<0.25mT		＞140
电阻率 ρ (Ω·m) Resistivity		25°C	＞10^5
密度 d (g/cm^3) Density		25°C	5.1









以上数据是根据标准样环Φ20×Φ10×5 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.