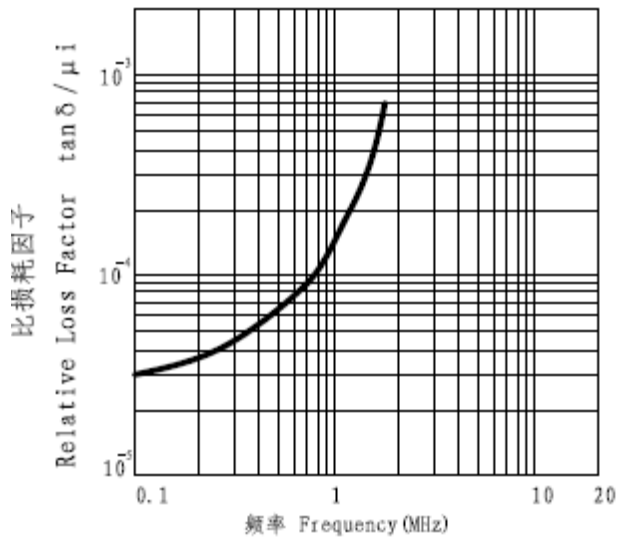
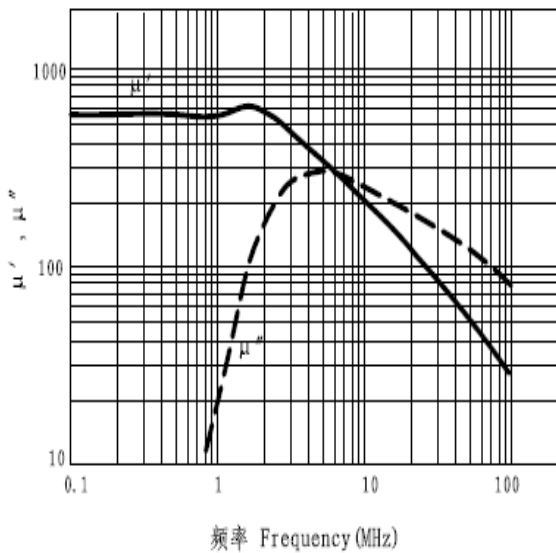
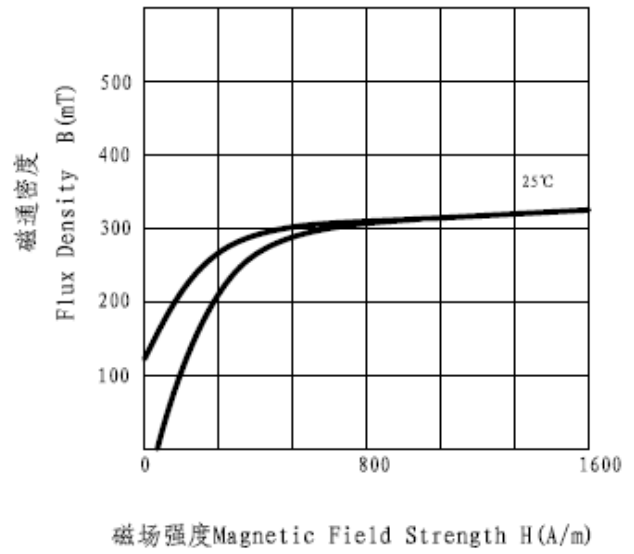
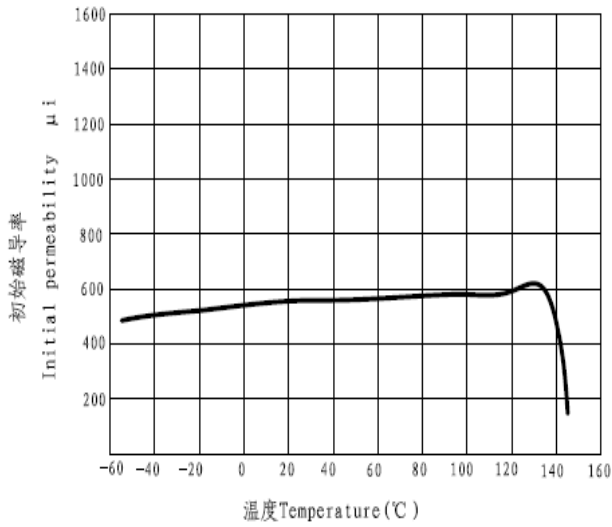


DN50T 材料特性

DN50T 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	500±25%
工作频率 f (MHz) Working frequency			0.1-1.5
比损耗系数 $\tan\delta/\mu_i (\times 10^{-6})$ Relative Loss Factor	100kHz	25°C	<350
饱和磁感应强度 B_s (mT) Saturation Magnetic Flux Density	50Hz, H=1600A/m	25°C	300
剩磁 B_r (mT) Residual Flux Density	50Hz, H=1600A/m	25°C	100
矫顽力 H_c (A/m) Coercive Force	50Hz, H=1600A/m	25°C	80
比温度系数 $\alpha_{\mu r} (\times 10^{-6}/^\circ\text{C})$ Relative Temperature Coefficient		-20°C~20°C	3~5
		20°C~60°C	0~2
		60°C~100°C	0~2
居里温度 T_c (°C) Curie Temperature	f=10kHz, B<0.25mT		> 120
电阻率 ρ ($\Omega\cdot\text{m}$) Resistivity		25°C	> 10 ⁵
密度 d (g/cm ³) Density		25°C	5.2



以上数据是根据标准样环 $\phi 20 \times \phi 10 \times 5$ 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.