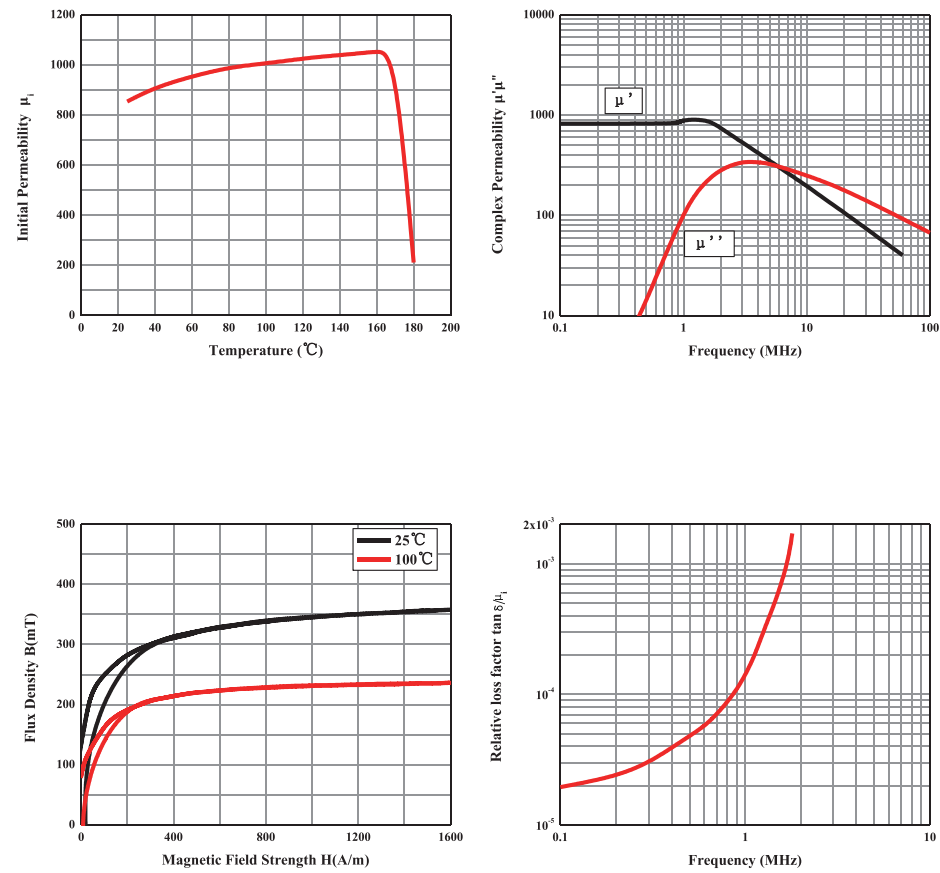




DN85H材料特性 · DN85H Material Characteristics

特性 SYMBOL	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 $\text{tg}\delta/\mu_i (\times 10^{-6})$ Relative Loss Factor	100kHz	25°C	16
饱和磁感应强度 B_s (mT) Saturation Magnetic Flux Density	50Hz, H=1194A/m	25°C	350
剩磁 B_r (mT) Residual Flux Densinty	50Hz, H=1194A/m	25°C	200
矫顽力 H_c (A/m) Coercive Force	50Hz, H=1194A/m	25°C	20
比温度系数 $\alpha_{\mu r} (\times 10^{-6}/^\circ\text{C})$ Relative temperature factor of initial permeability		20°C~ 60°C	5~20
居里温度 T_c (°C) Curie Temperature	f=10kHz, B<0.25mT		150
电阻率 $\rho (\Omega\cdot\text{m})$ Electrical resistivity		25°C	$> 10^5$
密度 d (g/cm ³) Density		25°C	5.1

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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.