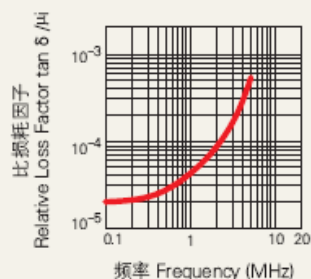
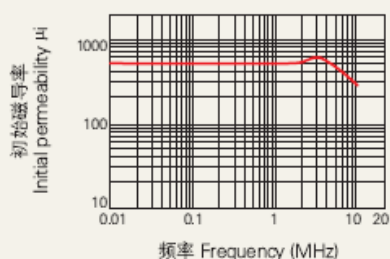
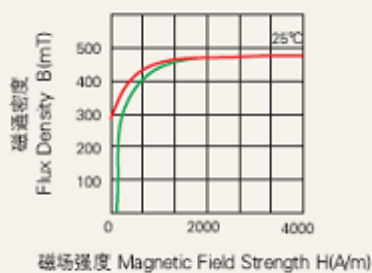
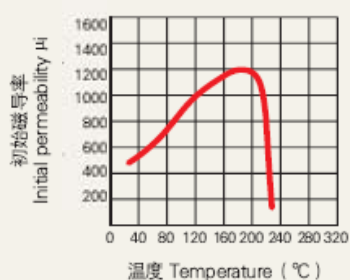


DN50B材料特性 DN50B Material Characteristics

项目 Item	符号 Symbol	测试条件 Condition	标称值 Value	单位 Unit
初始磁导率 Initial Permeability	μ_i		500 ± 25%	
工作频率 Working Frequency	f	25°C	0.05-1	MHz
比损耗因子 Relative Loss Factor	$\tan \delta / \mu_i$	25°C	20 0.1MHz	$\times 10^{-6}$
饱和磁通密度 Saturation Magnetic Flux Density	Bs	25°C	440 4000A/m	mT
剩磁 Remanence	Br	25°C	300	mT
矫顽力 Coercive Force	Hc	25°C	30	A/m
比温度系数 Relative Temperature Coefficient	$a \mu_r$		15-35	$\times 10^{-6}/^{\circ}C$ 20°C ~ 60°C
居里温度 Curie Temperature	Tc		>220	°C
电阻率 Electrical Resistivity	ρ	25°C	>10 ⁵	Ω·m
密度 Density	d	25°C	5.2	g/cm ³



注：以上数据是根据标准样环 $\varnothing 25 \times \varnothing 15 \times 8$ 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. The specific property of any parts will be adjusted a little based on these data.