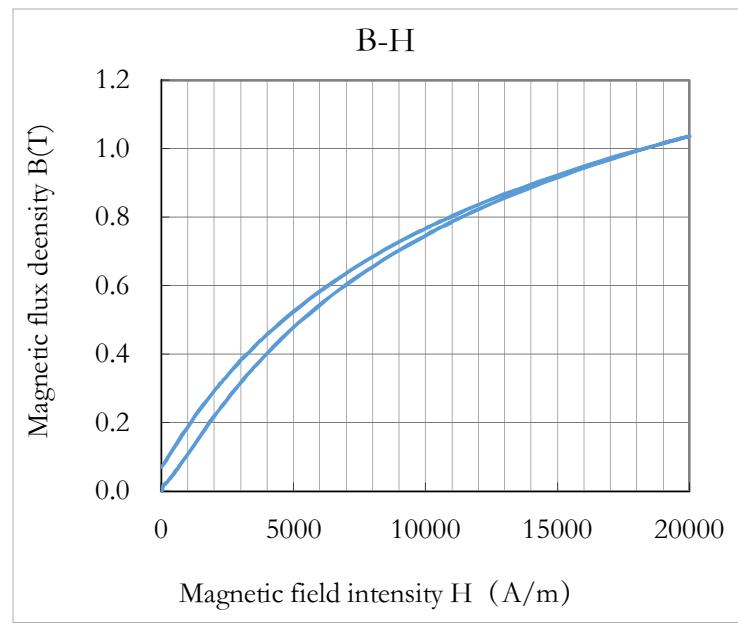
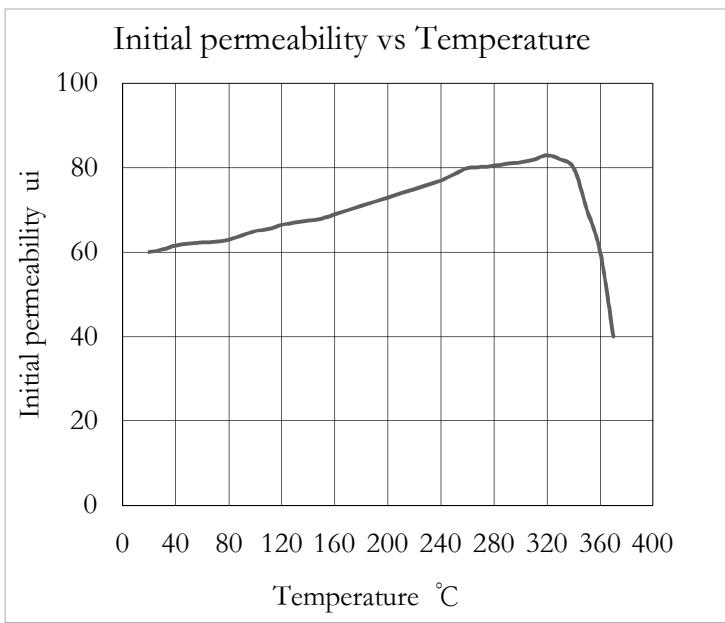
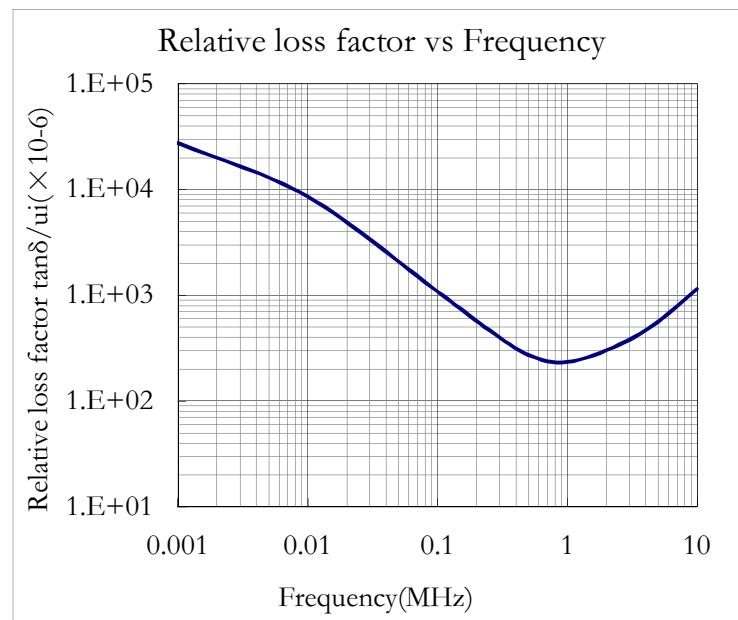
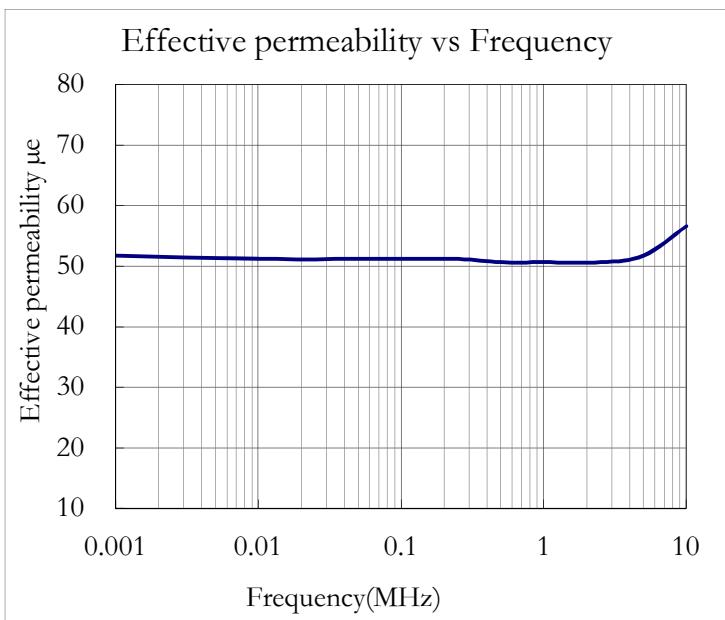


# 材质特性 Material characteristics

## 材质 Material: A500S

材质	初始磁导率 $\mu_{r0}$	饱和磁感应强度 $B_s$	相对损耗因子 $\tan\delta/\mu_{r0}$	比温度系数 $a_u$	居里温度 $T_c$	温度 $d$	电阻率 $\rho$		
Material	Initial Permeability	Saturation magnetic flux density	Relative loss factor		Relative temperature factor of $\mu_{r0}$	Curie Temperature	Density	Electrical resistivity	
	mT	KA/m	$\times 10^{-6}$	MHZ	$\times 10^{-6}/^{\circ}\text{C}$ (20-60°C)	°C	g/cm <sup>3</sup>	Ω·m	
A500S	50 ± 10%	1200	20.0	<30	1	/	>300	6.3	10 <sup>5</sup>



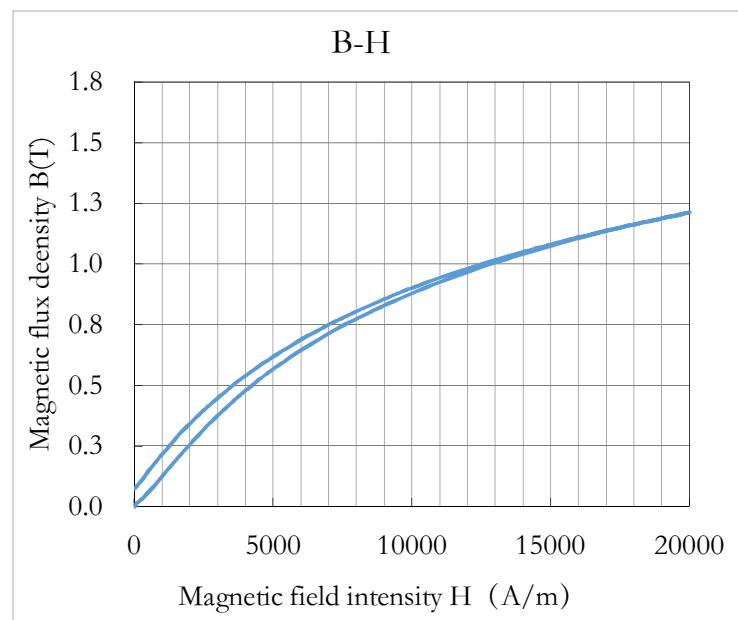
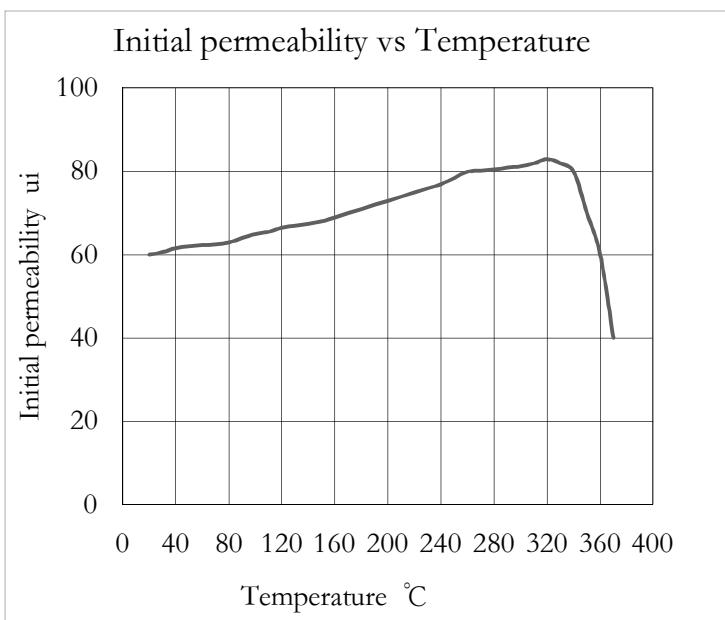
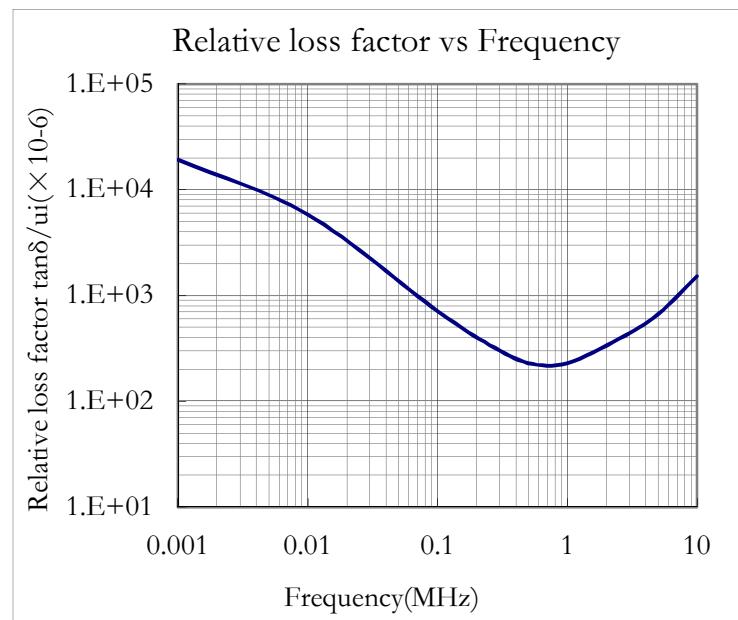
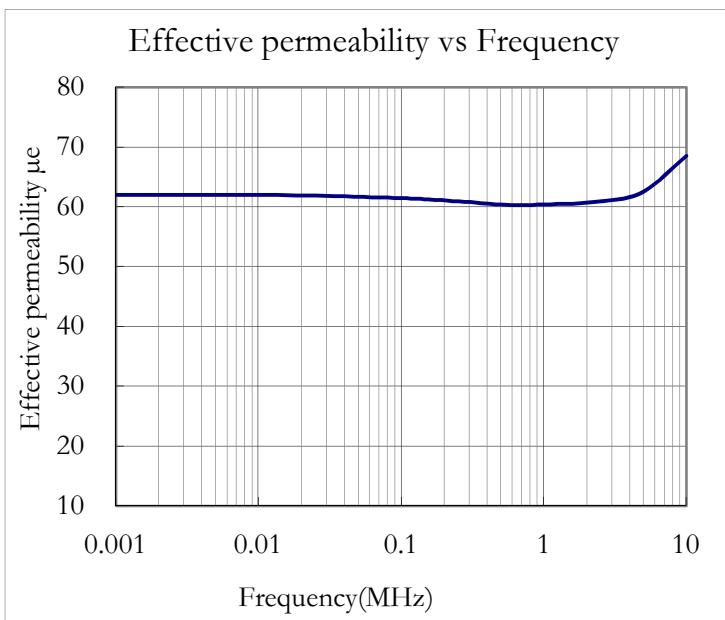
测定样环: 外径12.5mm, 内径7.9mm, 高度6.5mm

Test core: OD=12.5mm, ID=7.9mm, TH=6.5mm

# 材质特性 Material characteristics

材质 Material: A600S

材质	初始磁导率 $\mu_{ir}$	饱和磁感应强度 $B_s$	相对损耗因子 $\tan\delta/\mu_{ir}$	比温度系数 $a_{uir}$	居里温度 $T_c$	温度 $d$	电阻率 $\rho$	
Material	Initial Permeability	Saturation magnetic flux density	Relative loss factor		Relative temperature factor of $\mu_{ir}$	Curie Temperature	Density	
		mT	KA/m	$\times 10^{-6}$	MHZ	$\times 10^{-6}/^{\circ}\text{C}$ (20-60°C)	$\text{g}/\text{cm}^3$	$\Omega\cdot\text{m}$
A600S	$60 \pm 10\%$	1500	20.0	<25	1	/	>320	$6.3 \times 10^5$



测定样环: 外径12.5mm, 内径7.9mm, 高度6.5mm

Test core: OD=12.5mm, ID=7.9mm, TH=6.5mm