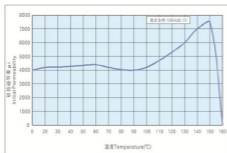


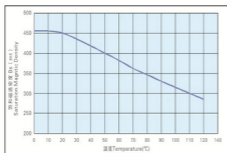
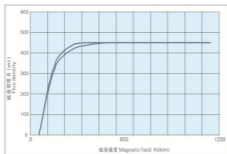
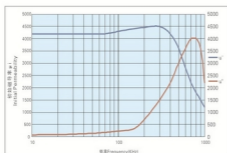
### JR4KS 材料特性 JR4KS Material Characteristics



#### 材料特点

高磁导率 (约4200)  
high initial permeability (about 4200)

低损耗因子  
low relative loss factor



特性 Characteristics	单位 Unit	JR4KS
初始磁导率 $\mu_i$ Initial Permeability		4200 $\pm$ 25%
饱和磁通密度 $B_s$ (25°C 1194A/m) Saturation magnetic density	mT	450
剩磁 $B_r$ Remanence	mT	50
矫顽力 Coercivity	A/m	6.5
相对损耗因素 $\text{tg}\delta/\mu$ Relative loss factor	$\times 10^{-6}$	$\leq 10$ (100KHz)
电阻率 $\rho$ Electrical resistivity	$\Omega \cdot \text{m}$	1.0
居里温度 $T_c$ Curie temperature	°C	> 150
密度 $d$ Density	$\text{kg}/\text{m}^3$	$4.8 \times 10^3$

