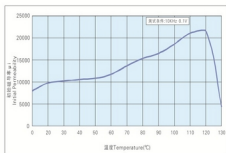
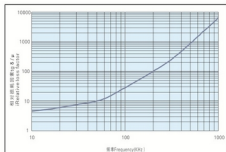
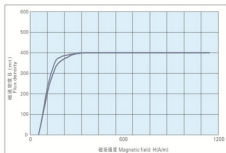
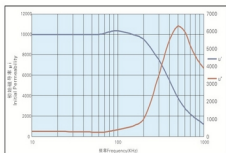


JR10KS 材料特性 JR10KS Material Characteristics



材料特点

高磁导率 (约10000)
 high initial permeability (about 10000)
 频率特性比JR10K更优良
 better initial permeability VS frequency characteristic than JR10K



特性 Characteristics	单位 Unit	JR10KS
初始磁导率 μ_i Initial Permeability		10000 \pm 25% (200KHz/10KHz \geq 80%)
饱和磁通密度 B_s (25°C 1194A/m) Saturation magnetic density	mT	400
剩磁 B_r Remanence	mT	100
矫顽力 Coercivity	A/m	4.4
相对损耗因素 $\text{tg}\delta/\mu_i$ Relative loss factor	$\times 10^{-6}$	≤ 30 (100KHz)
电阻率 ρ Electrical resistivity	$\Omega \cdot \text{m}$	0.2
居里温度 T_c Curie temperature	$^{\circ}\text{C}$	> 120
密度 d Density	kg/m^3	4.9×10^3