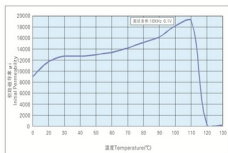


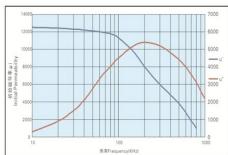
JR12KS 材料特性 JR12KS Material Characteristics

材料特点

高磁导率 (约12000)

high initial permeability (about 12000)

频率特性比JR12K更优良

better initial permeability VS frequency characteristic than JR12K



特性 Characteristics	单位 Unit	JR12KS
初始磁导率 μ_i Initial Permeability		12000 \pm 25%
饱和磁通密度 B_s (25°C 1194A/m) Saturation magnetic density	mT	380
剩磁 B_r Remanence	mT	100
矫顽力 Coercivity	A/m	4.4
相对损耗因素 $\text{tg}\delta/\mu$ iRelative loss factor	$\times 10^{-6}$	≤ 30 (100KHz)
电阻率 ρ Electrical resistivity	$\Omega \cdot \text{m}$	0.15
居里温度 T_c Curie temperature	$^{\circ}\text{C}$	> 110
密度 d Density	kg/m^3	4.95×10^3

