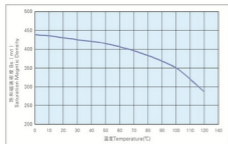
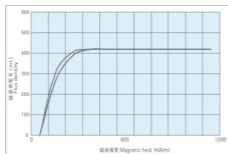
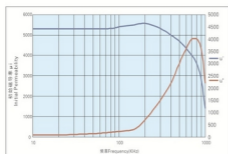
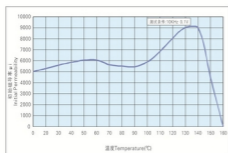


JR5KS 材料特性 JR5KS Material Characteristics



材料特点

- 高磁导率 (约5000)
high initial permeability (about 5000)
- 低损耗因子
low relative loss factor
- 频率特性比JR5K更优良
better initial permeability VS frequency characteristic than JR5K

| 特性 Characteristics | 单位 | JR5KS |
|---|------------------|-----------------------|
| 初始磁导率 μ_i Initial Permeability | | 5300 ± 25% |
| 饱和磁通密度 B_s (25°C 1194A/m) Saturation magnetic density | mT | 420 |
| 剩磁 B_r Remanence | mT | 80 |
| 矫顽力 Coercivity | A/m | 6 |
| 相对损耗因子 $tg\delta/\mu$ iRelative loss factor | $\times 10^{-6}$ | ≤ 10 (100KHz) |
| 电阻率 ρ Electrical resistivity | $\Omega \cdot m$ | 1.0 |
| 居里温度 T_c Curie temperature | $^{\circ}C$ | > 140 |
| 密度 d Density | kg/m^3 | 4.9×10^3 |

