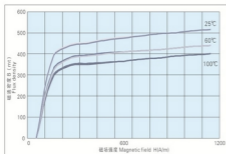
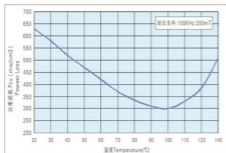
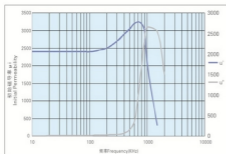
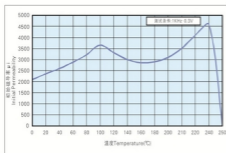


**JF44 材料特性 JF44 Material Characteristics**

**材料特点**

主要应用于中频率 (小于300KHz)  
 mostly used at middle frequency (less than 300KHz)  
 低的磁芯损耗高的饱和磁感应强度  
 low core loss and high saturation flux density  
 磁芯损耗的最低温度点约在90~100℃  
 the temperature point of the lowest core loss is 90~100℃

特性 Characteristics	单位	JF44
初始磁导率 $\mu_i$ Initial Permeability		2400 $\pm$ 25%
振幅磁导率 $\mu_a$ Amplitude Permeability		3500min
饱和磁通密度 Bs Saturation magnetic density	25℃ 100℃ mT	510 400 (1194A/m)
剩磁 Br Remanence	25℃ 100℃ mT	110 60
矫顽力 Coercivity	25℃ A/m	13
功率损耗 Pcv (100Kz 200mT) Power Loss	25℃ 80℃ 100℃ 120℃ KW/m <sup>3</sup>	600 KW/m <sup>3</sup> 300 KW/m <sup>3</sup>
电阻率 $\rho$ Electrical resistivity	$\Omega \cdot m$	6.5
居里温度 Tc Curie temperature	℃	> 230
密度 d Density	kg/m <sup>3</sup>	4.8 $\times$ 10 <sup>3</sup>

