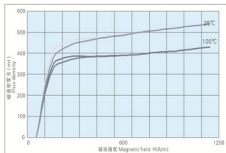
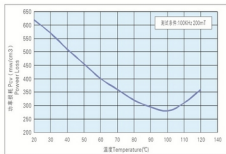
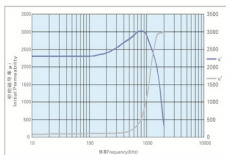
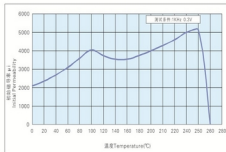


JF47 材料特性 JF47 Material Characteristics

材料特点

主要应用于中频率 (小于300KHz)
 mostly used at middle frequency (less than 300KHz)
 比JF44材料更高的饱和磁感应强度
 high saturation flux density than JF44
 低损耗
 low core loss



特性	Characteristics	单位	JF47
初始磁导率 μ_i	Initial Permeability		2500 \pm 25%
振幅磁导率 μ_a	Amplitude Permeability		3500min
饱和磁通密度 B_s	Saturation magnetic density	25°C	540
		100°C	430 (1194A/m)
剩磁 B_r	Remanence	25°C	120
		100°C	50
矫顽力	Coercivity	25°C	13
		100°C	
功率损耗 P_{cv} (100Kz 200mT)	Power Loss	25°C	600
		80°C	600
		100°C	280
		120°C	280
电阻率 ρ	Electrical resistivity	$\Omega \cdot m$	6.5
居里温度 T_c	Curie temperature	°C	> 230
密度 d	Density	kg/m ³	4.8 \times 10 ³

