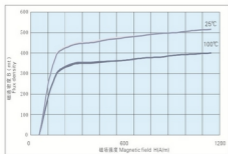
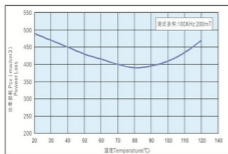
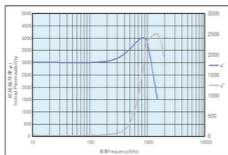
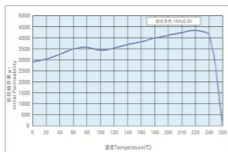


JF46 材料特性 JF46 Material Characteristics

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80°C
 the temperature point of the lowest core loss is 80°C

特性 Characteristics	单位	JF46	
初始磁导率 μ_i Initial Permeability		3000 \pm 25%	
振幅磁导率 μ_a Amplitude Permeability		5000min	
饱和磁通密度Bs Saturation magnetic density	25°C	510	
	100°C	400 (1194A/m)	
剩磁Br Remanence	25°C	120	
	100°C	85	
矫顽力 Coercivity	25°C	12	
功率损耗Pcv (100Kz 200mT) Power Loss	25°C	KW/m ³	480
	80°C	KW/m ³	
	100°C	KW/m ³	410
	120°C	KW/m ³	
电阻率 ρ Electrical resistivity	$\Omega \cdot m$		6.5
居里温度Tc Curie temperature	°C		> 230
密度d Density	kg/m ³		4.8 \times 10 ³

