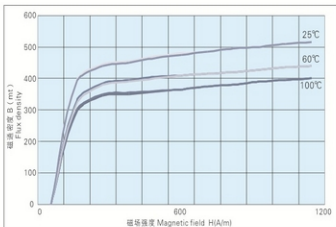
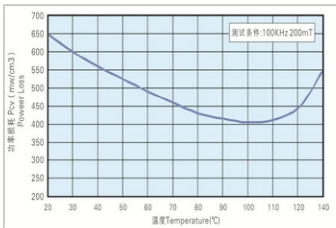
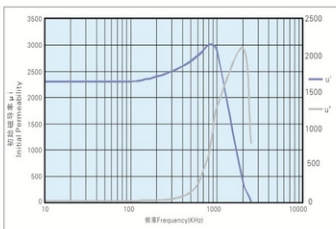
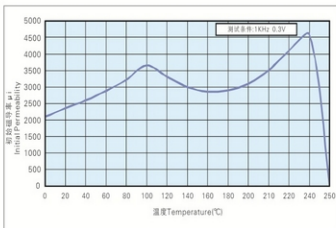


JF40 材料特性 JF40 Material Characteristics



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℃
 the temperature point of the lowest core loss is 90℃

特性 Characteristics	单位	JF40
初始磁导率 μ_i Initial Permeability		2300 \pm 25%
振幅磁导率 μ_a Amplitude Permeability		3500min
饱和磁通密度 B_s Saturation magnetic density	25℃	510
	100℃	400
		(1194A/m)
剩磁 B_r Remanence	25℃	95
	100℃	55
矫顽力 Coercivity	25℃	14
功率损耗 P_{cv} (100Kz 200mT) Power Loss	25℃	KW/m^3 600
	80℃	KW/m^3
	100℃	KW/m^3 410
	120℃	KW/m^3
电阻率 ρ Electrical resistivity		$\Omega \cdot \text{m}$ 6.5
居里温度 T_c Curie temperature	℃	> 230
密度 d Density	kg/m^3	4.8×10^3

