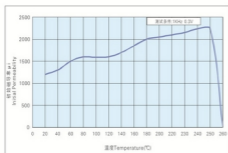
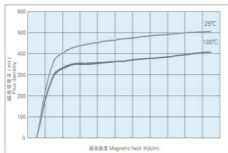
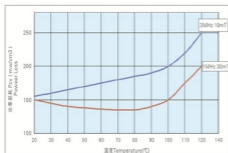
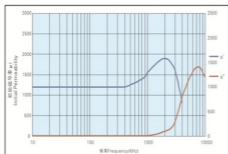


JF51 材料特性 JF51 Material Characteristics

材料特点

主要应用于高频率 (1MHz-3MHz)
 mostly used at high frequency (between 1 MHz and 3MHz)

低的磁芯损耗
 low core loss



特性 Characteristics	单位		JF51
初始磁导率 μ_i Initial Permeability			$1200 \pm 25\%$
振幅磁导率 μ_a Amplitude Permeability			2000min
饱和磁通密度 B_s Saturation magnetic density	25°C		500
	100°C	mT	410
			(1194A/m)
剩磁 B_r Remanence	25°C	mT	70
	100°C		30
矫顽力 Coercivity	25°C	A/m	40
			35
功率损耗 P_{cv} (100Kz 200mT) Power Loss	1MHz	25°C	KW/m ³
	30mT	80°C	KW/m ³
	3MHz	100°C	KW/m ³
	10mT	120°C	KW/m ³
电阻率 ρ Electrical resistivity			$\Omega \cdot m$
居里温度 T_c Curie temperature			°C
密度 d Density			kg/m ³
			4.8×10^3

