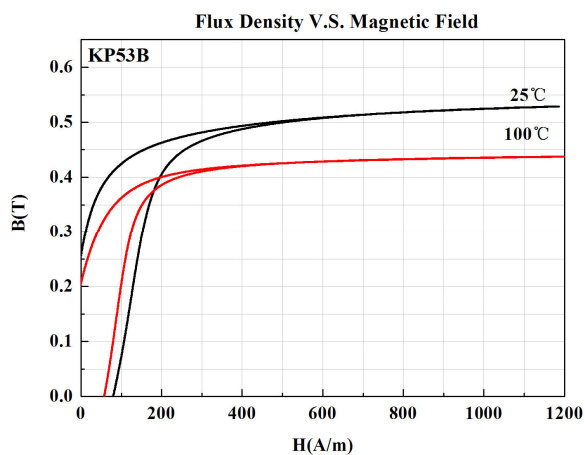
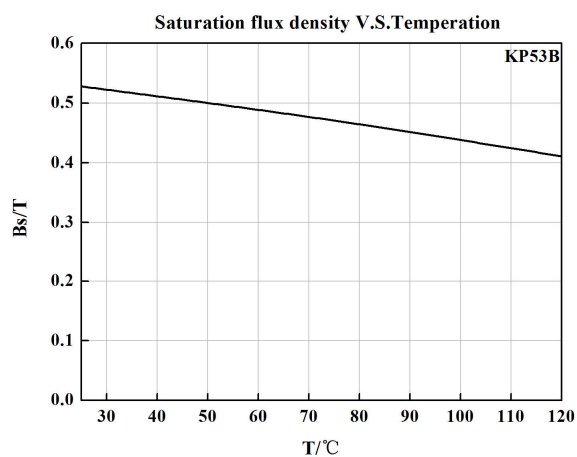
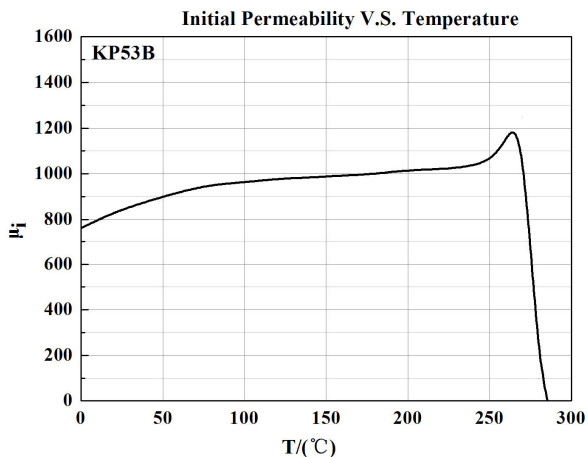
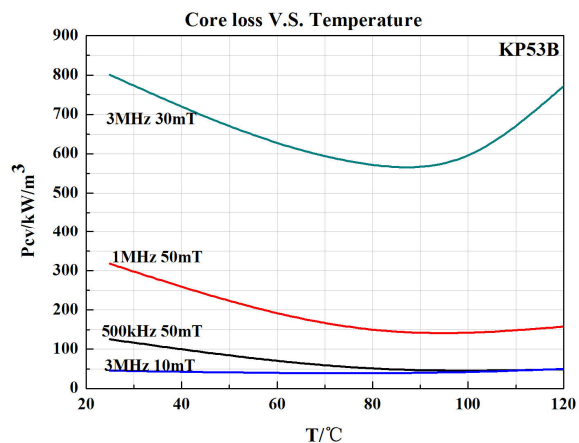


KP53B 材料特性

Material Characteristics

特性 Symbol	单位 Unit	测试条件 Conditions		典型值 Value
初始磁导 μ_i Initial permeability ($\pm 25\%$)		25℃		800
饱和磁感应强度 B_s Saturation flux density	mT	60 Hz 1194 A/m	25℃	520
			100℃	430
剩磁 B_r Residual magnetic flux density	mT	25℃		300
		100℃		180
矫顽力 H_c Coercive force	A/m	25℃		65
功耗 P_{cv} Power loss	kW/m ³	500kHz 50mT	100℃	60
		1MHz 50mT		180
		3MHz 10mT		60
		3MHz 30mT		800
居里温度 T_c Curie temperature	℃			280
电阻率 Resistivity	$\Omega\cdot m$	25℃		10
密度 d Density	kg/m ³	25℃		4.7



以上数据是根据标准样环 $\phi 25 \times \phi 15 \times 5.0$ 获得的典型数据，有关产品的具体性能会在此基础上有所调整。

The above typical data are calculated from the standard toroid core. Specific performance of the product will be adjusted on this basis