NH50A 材料特性
NH50A Material Characteristics

初始磁导率 μi initial permeability μi	2700±25%		
饱和磁通密度 Bs（mT） Saturation flux density 1194A/m	25℃	520	
	100℃	410	
剩磁 Br（mT） Residial flux density	25℃	85	
	100℃	60	
矫顽力 Hc（A/m） Coercivity	25℃	10	
	100℃	9	
功率损耗 Pv mw/cm^3 Power Loss		300kHz, 100mT	500kHz,100mT
	25℃	180	450
	100℃	220	620
居里温度 Tc（℃） Curie temp.	≥240℃		
电阻率ρ（Ω·m） Resistivity	/		
密度 d(g/cm^3) Density	4.8		

以上数据是根据标准样环Φ12.5×Φ7.5×7 获得典型数据，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 tarord core. The specific property of any parts will be adjusted a little based on these.

NH50A 曲线图

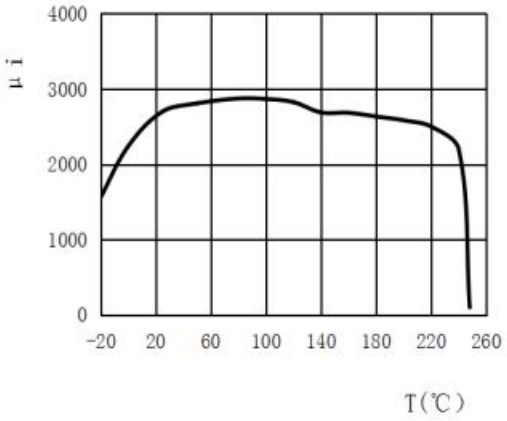

Fig1 Permeability vs. Temperature

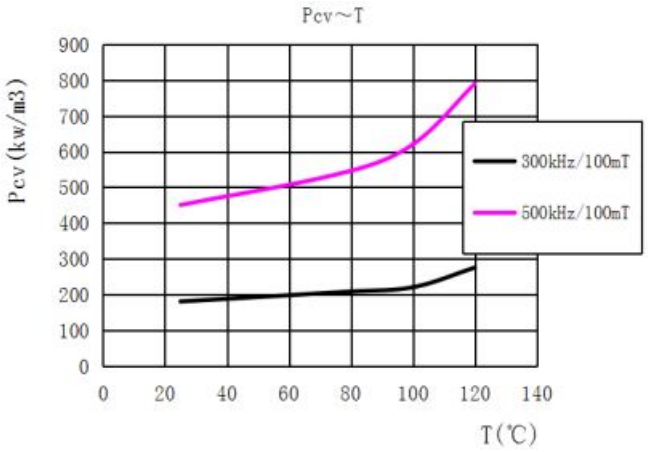

Fig.2 Power Loss vs. Temperature

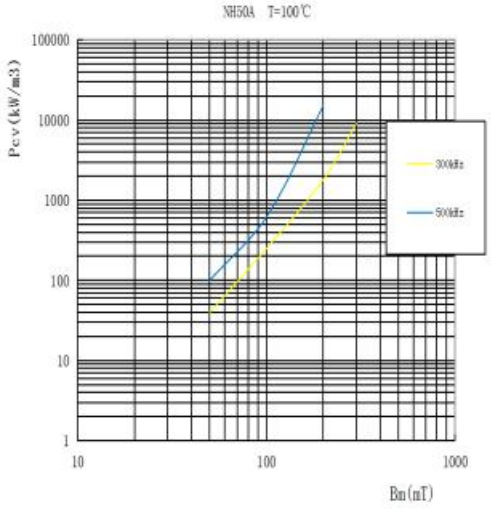

Fig.3 Power Loss vs. Fiux Density

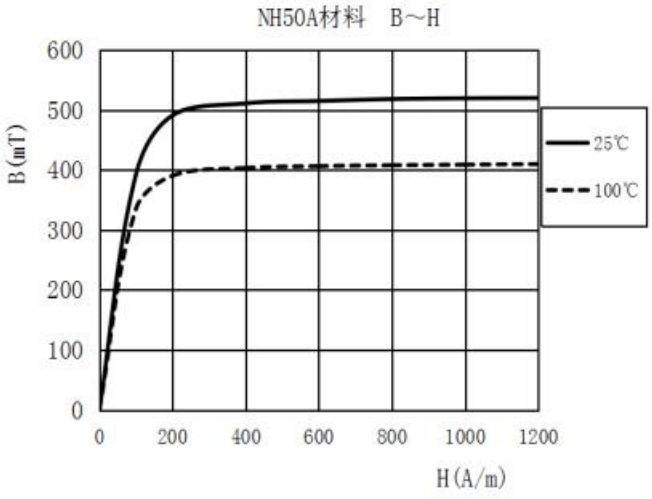

Fig.4 Magnetization Curves