NH47　材料特性
NH47　Material Characteristics

初始磁导率 μi initial permeability μi	1500±25%	
饱和磁通密度 Bs（mT） Saturation flux density 1194A/m	25℃	550
	100℃	470
剩磁 Br（mT） Residial flux density	25℃	220
	100℃	60
矫顽力 Hc（A/m） Coercivity	25℃	15
	100℃	6
功率损耗 Pv mw/cm^3 Power　Loss		100kHz, 200mT
	25℃	850
	100℃	390
	120℃	500
居里温度 Tc（℃） Curie temp.	≥280℃	
电阻率 ρ（Ω・m） Resistivity	6	
密度　d(g/cm^3) Density	4.9	

以上数据是根据标准样环Φ25×Φ15×8 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 data.

NH47 材料曲线

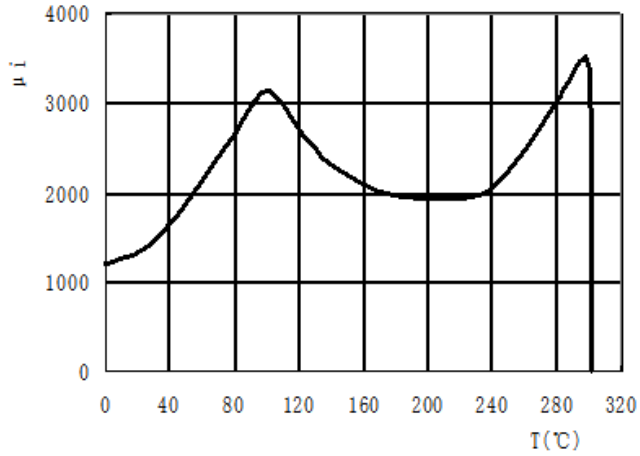

Fig.1 Permeability vs. Temperature

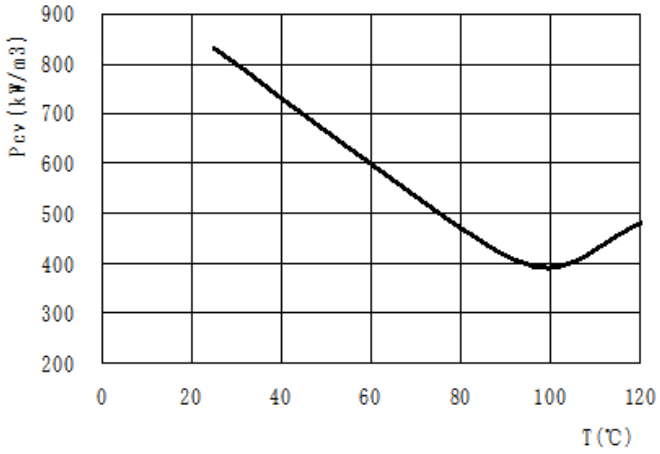

Fig.2 功耗的温度曲线(f=100kHz,B=200mT)

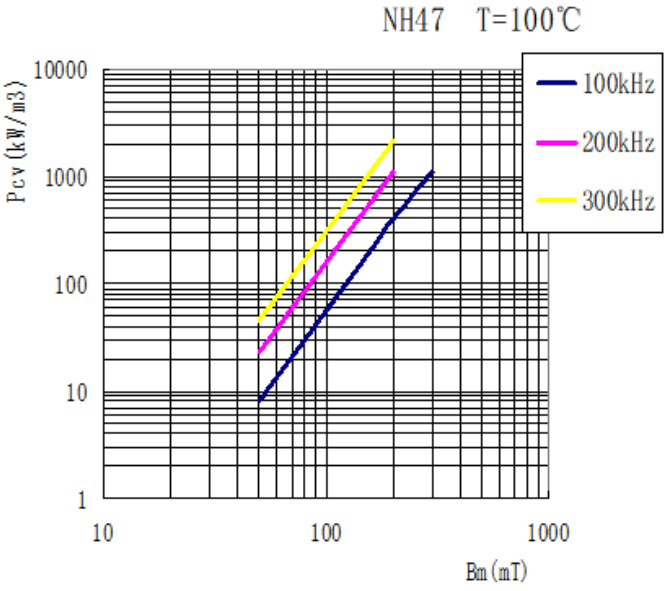

Fig.3 Power Loss vs. Fiux Density

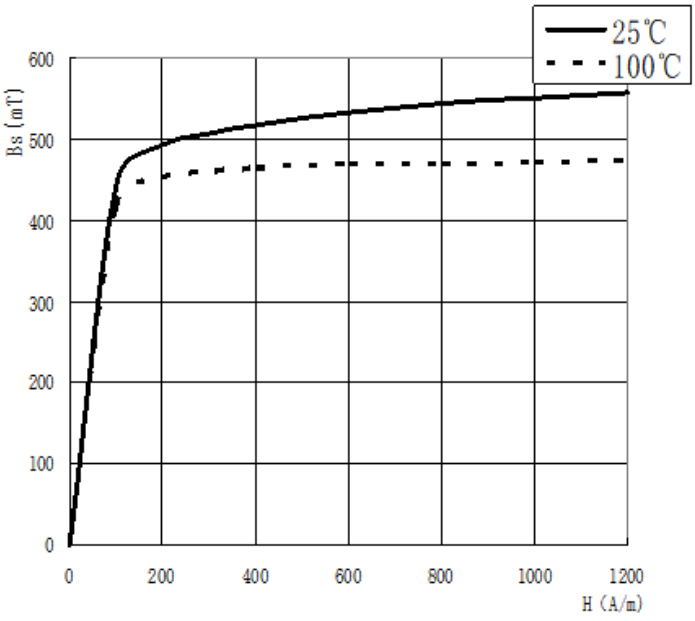

Fig.4 B vs. H