

NH97 材料特性表
NH97 Material Characteristics

材料特性 Material Characteristics		单位 Unit		NH97
起始磁导率 μ_i Initial Permeability				3300±25%
磁芯损耗 P _{cv} Core Loss	100kHz 200mT	kW/m ³	25℃	235
			60℃	240
			80℃	250
			100℃	280
			120℃	320
饱和磁通密度 B _s Saturation Matnetic Flux Density @H=1194A/m		mT	25℃	540
		mT	100℃	430
剩余磁通密度 B _r Remanence Flux Density		mT	25℃	70
		mT	100℃	50
矫顽力 H _c Effective Coercivity		A/m	25℃	9.5
		A/m	100℃	6.5
居里温度 T _c Curie Temperature		℃		≥220
密度 d Density		kg/m ³		4.9×10 ³

注：以上为T25*25*8标环的典型值。

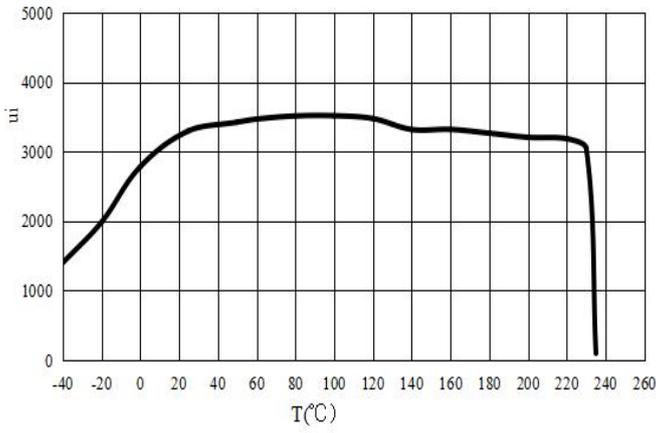


Fig.1 Permeability vs. Temperature

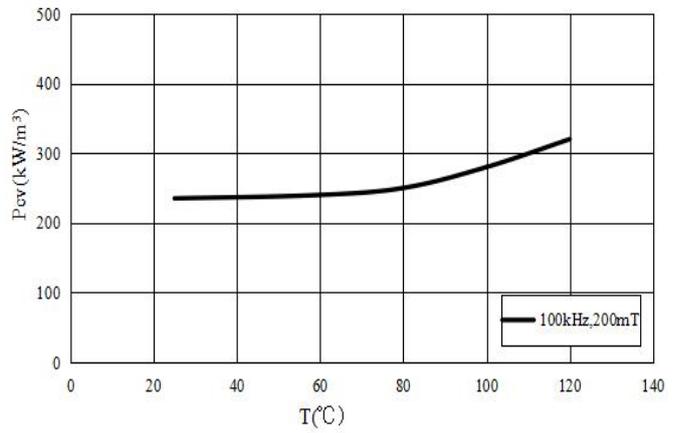


Fig.2 Power Loss vs. Temperature

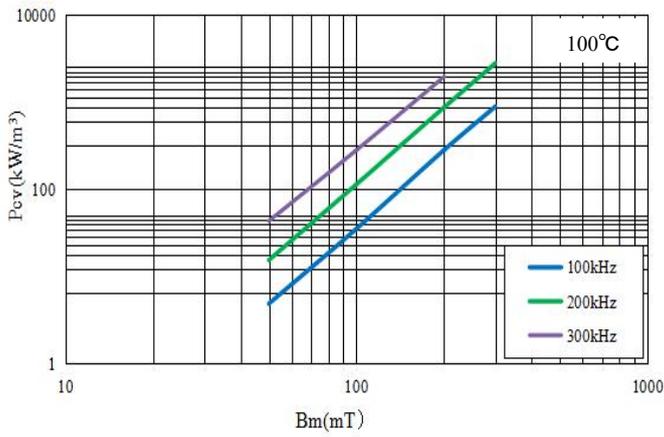


Fig.3 Power Loss vs. Flux Density

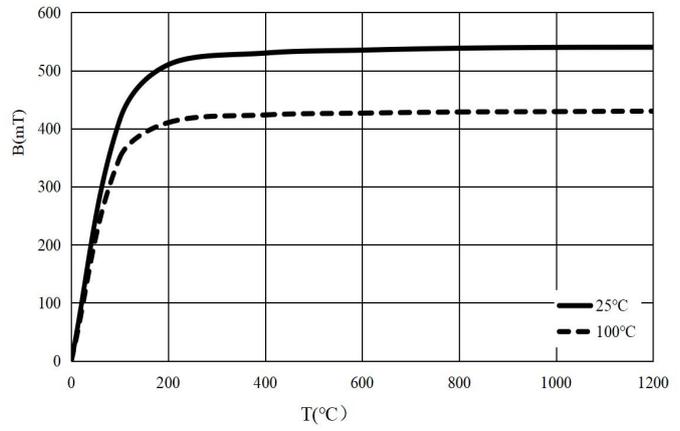


Fig.4 Magnetization Curves