

NH97A 材料特性表
NH97A Material Characteristics

材料特性 Material Characteristics		单位 Unit		NH97A
起始磁导率 μ_i Initial Permeaility				3300±25%
磁芯损耗 Pcv Core Loss	100kHz 200mT	kW/m ³	25℃	350
			80℃	280
			100℃	275
			120℃	300
			140℃	340
			160℃	390
饱和磁通密度 Bs Saturation Matnetic Flux Density @H=1194A/m		mT	25℃	540
		mT	100℃	430
剩余磁通密度 Br Remanence Flux Density		mT	25℃	85
		mT	100℃	60
矫顽力 Hc Effective Coercivity		A/m	25℃	9.5
		A/m	100℃	6.5
居里温度 Tc Curie Temperature		℃		≥220
密度 d Density		kg/m ³		4.85x10 ³

注：以上为T25*15*8标环的典型值。

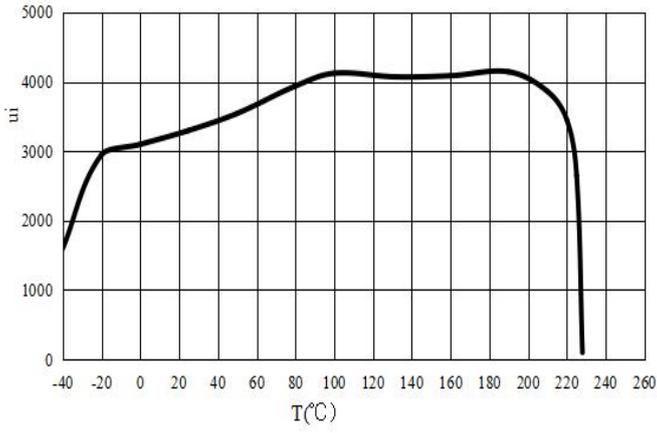


Fig.1 Permeability vs. Temperature

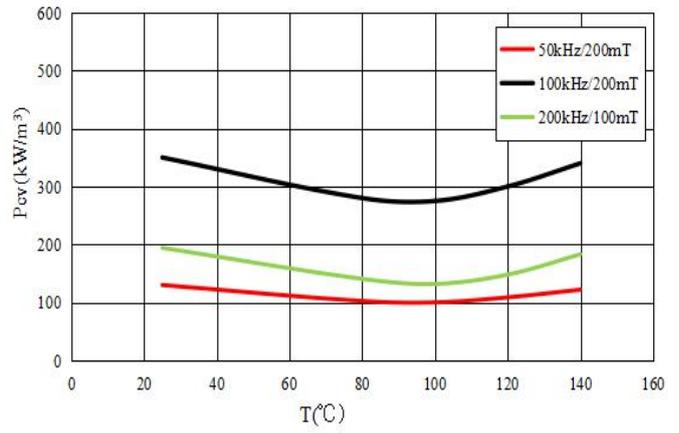


Fig.2 Power Loss vs. Temperature

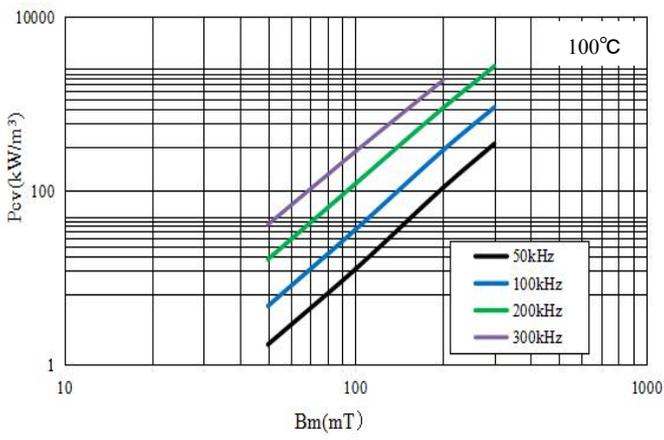


Fig.3 Power Loss vs. Flux Density

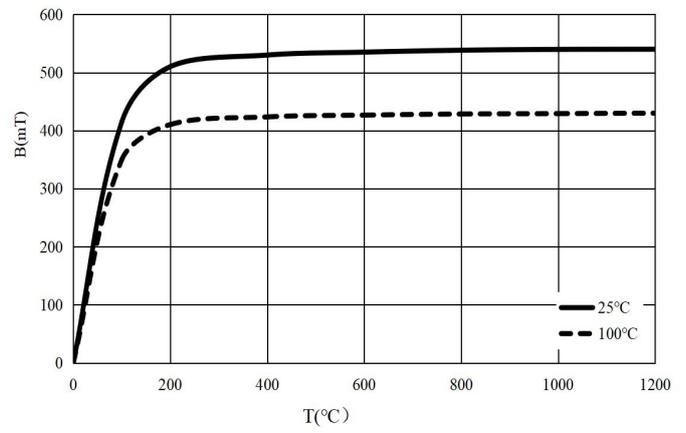


Fig.4 Magnetization Curves