

NH2E Data Sheet

材 料 特 性 Material Characteristics			单 位 Unit		NH2E
起始磁导率 μ_i Initial Permeability					2200±25%
饱和磁通密度 B_s Saturation Magnetic Flux Density @H=1194A/m			25°C	mT	510
			100°C	mT	390
剩余磁通密度 B_r Remanence Flux Density			25°C	mT	110
			100°C	mT	60
矫 顽 力 H_c Effective Coercivity			25°C	A/m	13
			100°C	A/m	6.5
磁芯损耗 Pcv Core Loss	100kHz 200mT	25°C	kW/m ³	600	
		100°C		330	
		120°C		360	
	200kHz 100mT	25°C		300	
		100°C		140	
		120°C		180	
	300kHz 100mT	25°C		560	
		100°C		300	
		120°C		400	
居 里 温 度 T_c Curie Temperature			°C	≥215	
密 度 d Density			kg/m ³	4.75x10 ³	

NH2E Characteristic Diagram

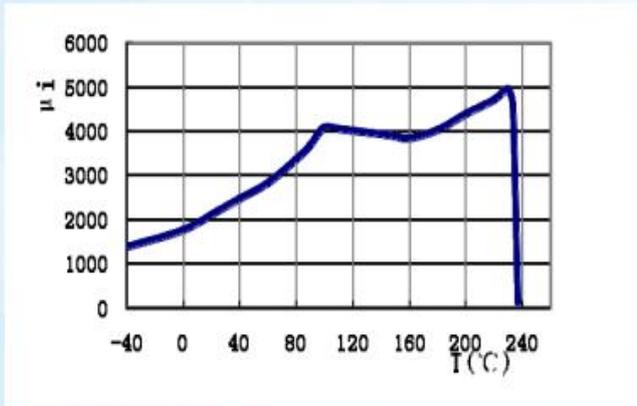


Fig1 Permeability vs. Temperature

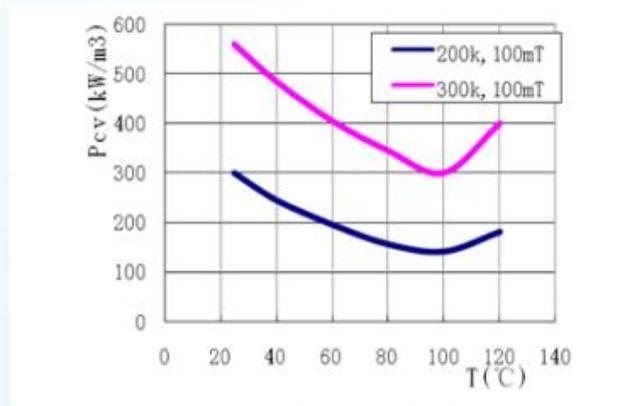


Fig.2 Power Loss vs. Temperature

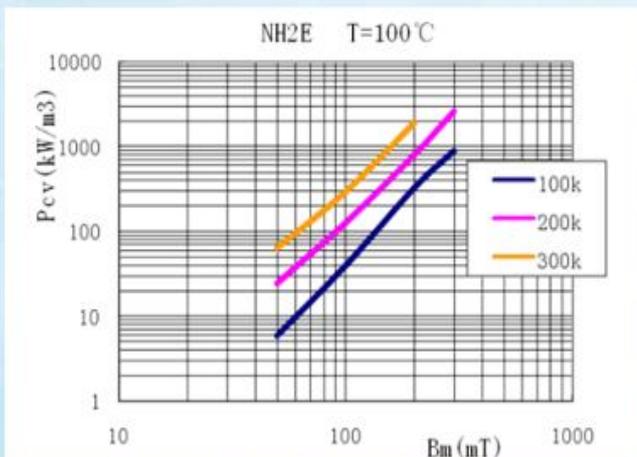


Fig.3 Power Loss vs. Flux Density

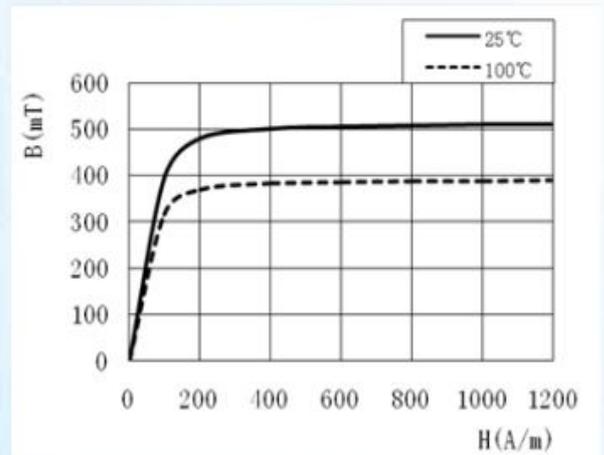


Fig.4 Magnetization Curves