

YR98

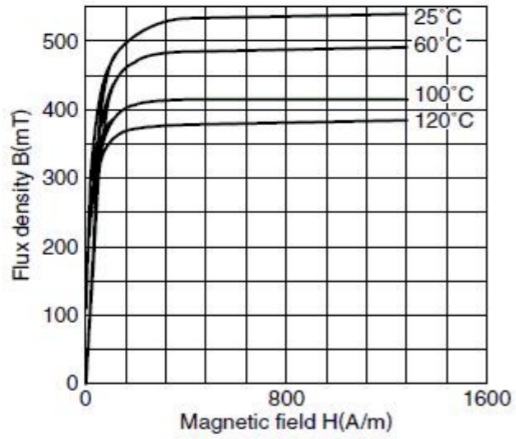
材料: YR98
 特点: 宽温度低损耗
 高饱和磁通密度

Material: YR98
 Features: Low core loss in a wide temperature ranges
 High saturation magnetic flux density

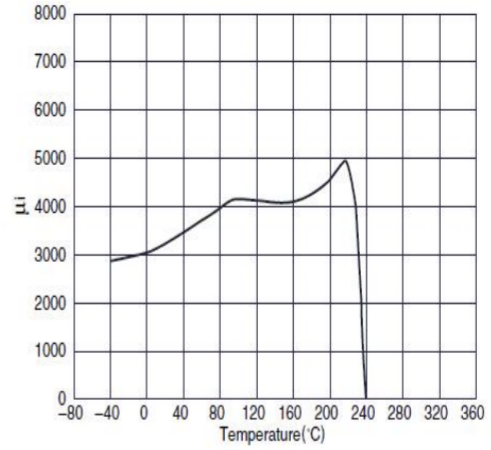
材质		YR98			
Material		YR98			
初始磁导率 Initial permeability	μ_i	3300±25%			
振幅磁导率 Amplitude permeability	μ_a				
功率损耗* Core loss	Pcv	kW/m ³	25kHz	25℃	
			200mT	60℃	
				100℃	
			正弦波	120℃	
				25℃	350
			100kHz	60℃	
				100℃	290
			200mT	120℃	350
正弦波	25℃	530			
饱和磁通密度* magnetic flux density	Bs	mT	H=1194 A/m	60℃	480
				100℃	410
				120℃	380
				25℃	85
剩余磁通密度* Remanent flux density	Br	mT		60℃	70
				100℃	60
				120℃	55
				25℃	9.5
矫顽力* Coercive force	Hc	A/m		60℃	7.5
				100℃	6.5
				120℃	6
				25℃	>215
居里温度 Curie temperature	Tc	℃			
密度* Density	db	g/cm ³	4.9		
电阻率* Electrical resistivity	ρ	$\Omega \cdot m$	6		

* 平均值 Average value;

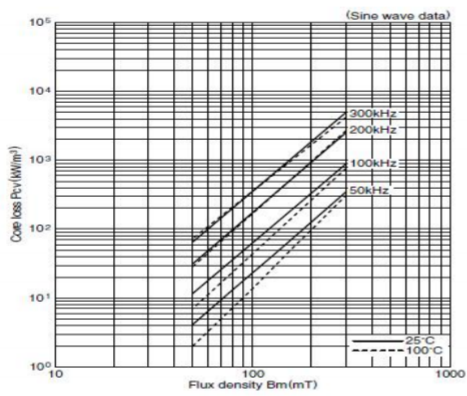
** 500kHz, 50mT



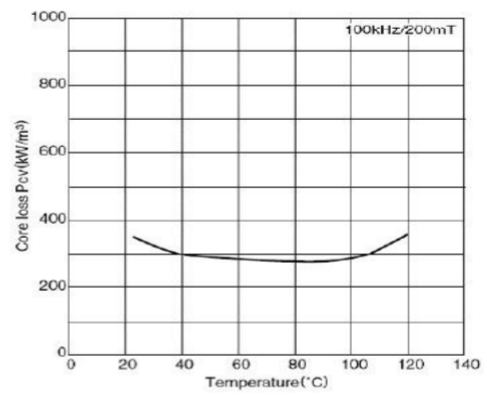
B-H



μ_i-T



P_{cv}-B_m



P_{cv}-T