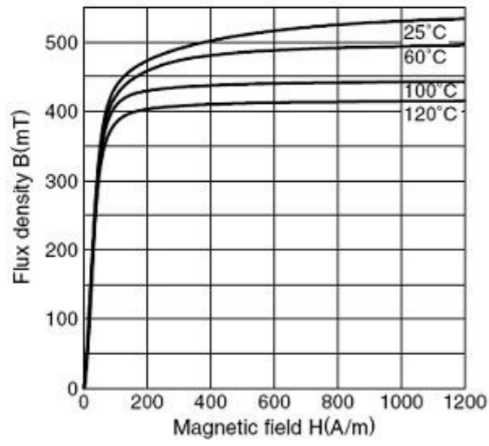


YR48B

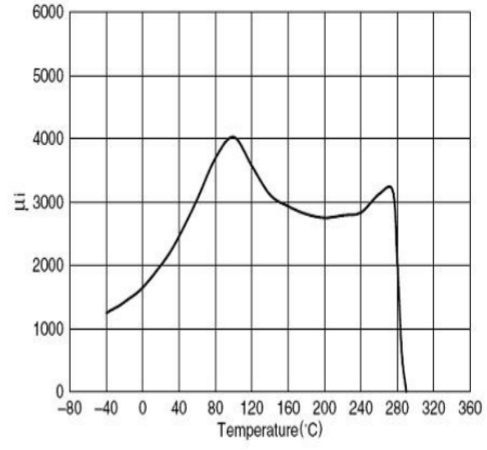
材料: YR48B
 特点: 高饱和磁通密度
 较高的居里温度
 较低的功率损耗

Material: YR48B
 Features: High saturation magnetic flux
 High curie temperature
 Low core loss

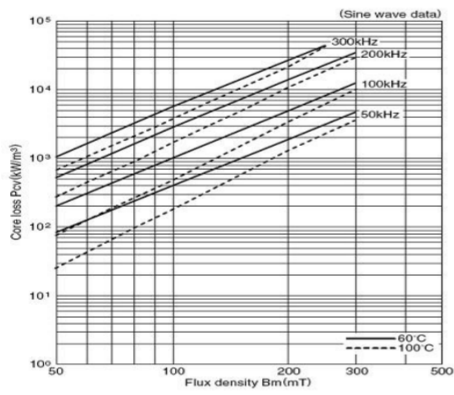
材质		YR48B			
Material		YR48B			
初始磁导率 Initial permeability	μ_i	2200±25%			
振幅磁导率 Amplitude permeability	μ_a				
功率损耗* Core loss	Pcv	kW/m ³	25kHz	25℃	
			200mT 正弦波	60℃	
				100℃	
				120℃	
				100kHz	25℃
			200mT 正弦波	60℃	470
				100℃	320
				120℃	460
H=1194 A/m	25℃	540			
	60℃	500			
	100℃	450			
	120℃	420			
饱和磁通密度* magnetic flux density	Bs	mT	25℃	170	
			60℃	95	
			100℃	60	
			120℃	65	
剩余磁通密度* Remanent flux density	Br	mT	25℃	13	
			60℃	9	
			100℃	6.5	
			120℃	7	
矫顽力* Coercive force	Hc	A/m	25℃	13	
			60℃	9	
			100℃	6.5	
			120℃	7	
居里温度 Curie temperature	Tc	℃	>250		
密度* Density	db	g/cm ³	4.9		
电阻率* Electrical resistivity	ρ	$\Omega \cdot m$	4		



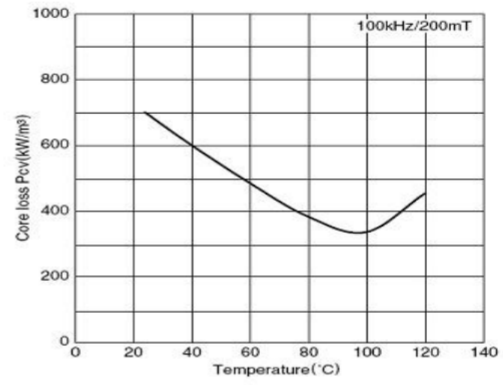
B-H



μ_i -T



P_{cv} - B_m



P_{cv} -T