

YR58

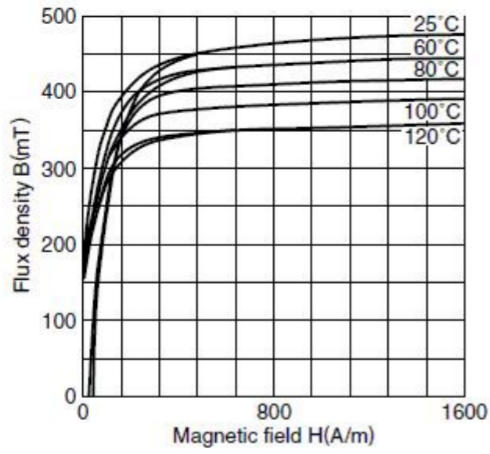
材料: YR58
 特点: 主要应用于高频段
 (500kHz 到 1MHz)
 损耗最低的温度点约在 100°C

Material: YR58
 Features: Mostly used at high frequency(from
 500kHz to 1MHz)
 The temperature point of the lowest core loss at
 100°C

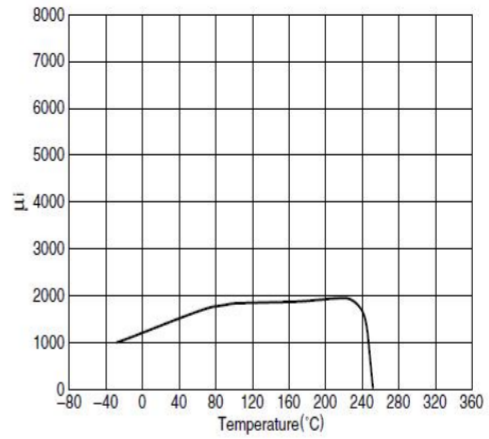
材质 Material	YR58				
初始磁导率 Initial permeability	μ_i	1400±25%			
振幅磁导率 Amplitude permeability	μ_a				
功率损耗* Core loss	Pcv	kW/m ³	25kHz 200mT 正弦波	25°C	
				60°C	
				100°C	
				120°C	
			100kHz 200mT 正弦波	25°C	130**
				60°C	80**
				100°C	80**
				120°C	110**
饱和磁通密度* magnetic flux density	Bs	mT	H=1194 A/m	25°C	470
				60°C	440
				100°C	380
				120°C	350
剩余磁通密度* Remanent flux density	Br	mT		25°C	140
				60°C	110
				100°C	98
				120°C	100
矫顽力* Coercive force	Hc	A/m		25°C	36.5
				60°C	31
				100°C	27.2
				120°C	26
居里温度 Curie temperature	Tc	°C	>240		
密度* Density	db	g/cm ³	4.8		
电阻率* Electrical resistivity	ρ	$\Omega \cdot m$	30		

* 平均值 Average value;

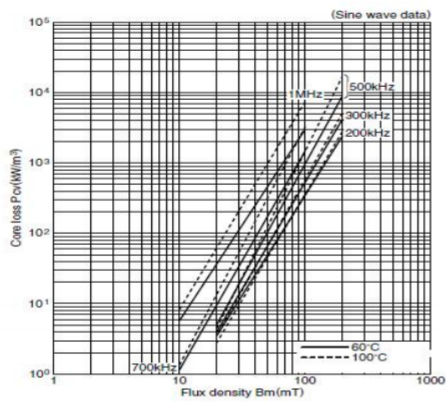
** 500kHz, 50mT



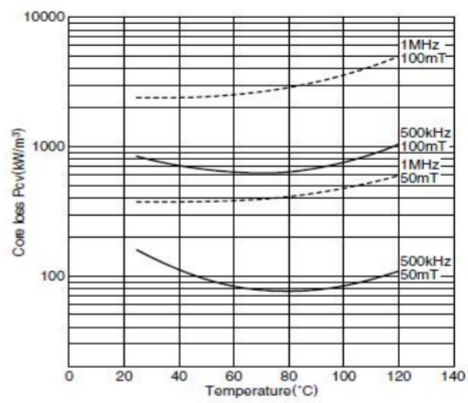
B-H



μ_i -T



P_{cv} - B_m



P_{cv} -T