YR28

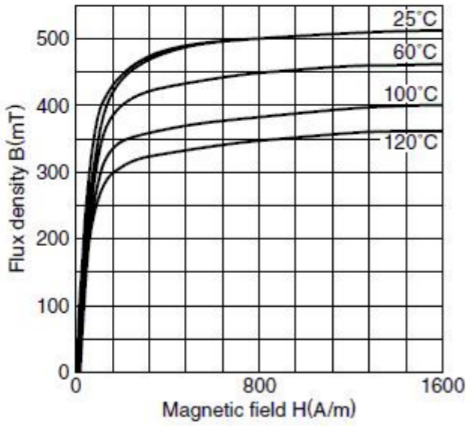
材料：YR28

特点：主要应用于中频段(小于 200kHz)
低磁芯损耗，高饱和磁通密度
损耗最低的温度点约在 100℃

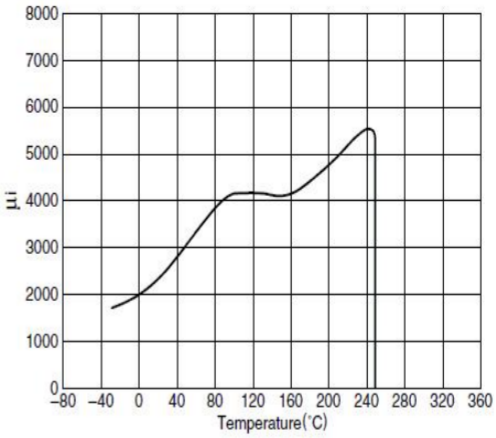
Material：YR28

Features：Mostly used at middle frequency(less than 200kHz)
Low core loss and high saturation magnetic flux density
The temperature point of the lowest core loss at 100℃

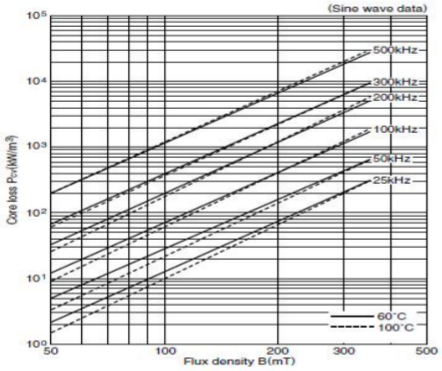
材质 Material					YR28
初始磁导率 Initial permeability	μ_i				2300±25%
振幅磁导率 Amplitude permeability	μ_a				3000min
功率损耗* Core loss	Pcv	kW/m^3	25kHz 200mT 正弦波	25℃	120
				60℃	80
				100℃	70
				120℃	85
			100kHz 200mT 正弦波	25℃	600
				60℃	450
				100℃	410
				120℃	500
饱和磁通密度* Saturation magnetic flux density	Bs	mT	H=1194 A/m	25℃	510
				60℃	450
				100℃	390
				120℃	350
剩余磁通密度* Remanent flux density	Br	mT		25℃	95
				60℃	65
				100℃	55
				120℃	50
矫顽力* Coercive force	Hc	A/m		25℃	14.3
				60℃	10.3
				100℃	8.8
				120℃	8
居里温度 Curie temperature	Tc	℃			>215
密度* Density	db	g/cm^3			4.8
电阻率* Electrical resistivity	ρ	Ω·m			6.5



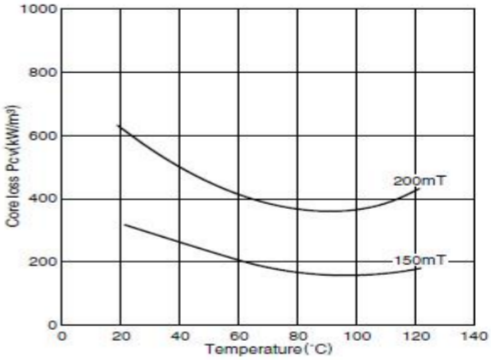
B-H



μ i-T



Pcv-Bm



Pcv-T