Mn-Zn 功率铁氧体材料特性

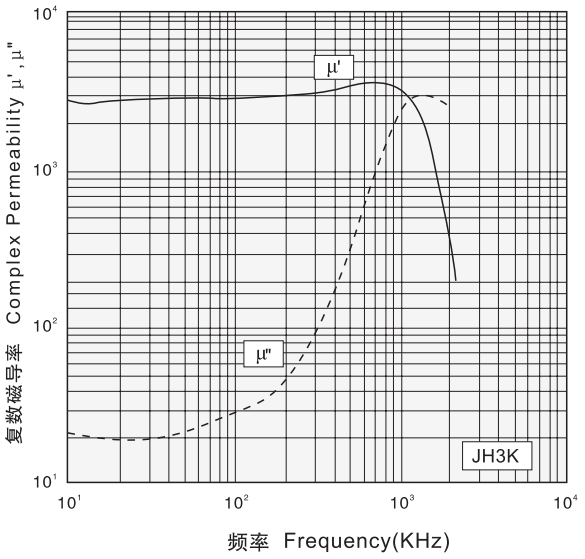
Mn-Zn Power Ferrite Characteristics

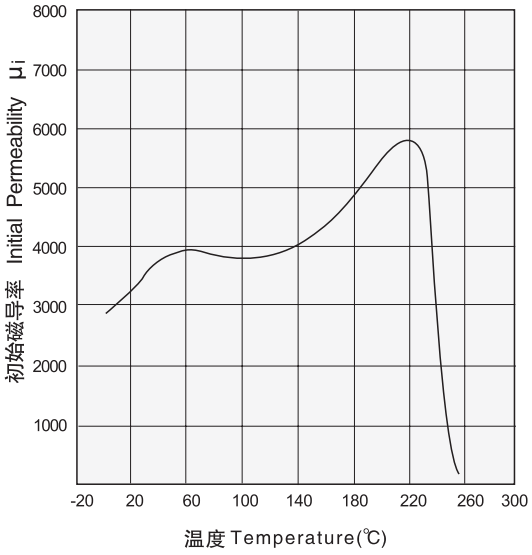
特性 Characteristics	符号 Symbol	单位 Unit	测定条件 Conditions	JH3K
初始磁导率 Initial Permeability	μi	—	25℃	3000±25%
振幅磁导率 Amplitude Permeability	μa	—	25℃ f=25KHz, B=200mT	——
饱和磁感应强度 Saturation Magnetic Flux Density	Bs	mT	25℃ H=1194A/m, f=50Hz	490
			100℃ H=1194A/m, f=50Hz	370
剩磁 Residual Magnetic Flux Density	Br	mT	25℃	127
			100℃	95
矫顽力 Coercive Force	Hc	A/m	25℃	14
			100℃	8
功率损耗 Power Loss	Pv	mw/cm^3	25℃ f=25KHz, B=200mT	165
			100℃ f=25KHz, B=200mT	150
居里温度 Curie Temperature	Tc	℃	—	>205
电阻率 Electrical Resistivity	ρ	Ω·m	25℃	10
密度 Density	d	g/cm^3	—	4.8

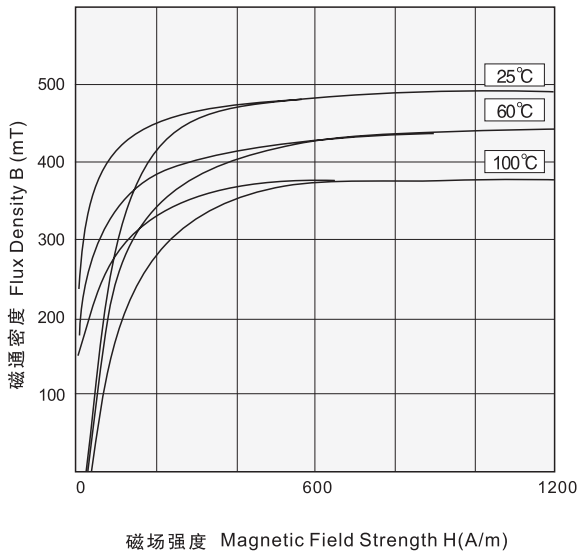
注： 以上数据是根据标准样环T25×15×8获得的典型数据,有关产品的具体性能会在此基础上有所调整。

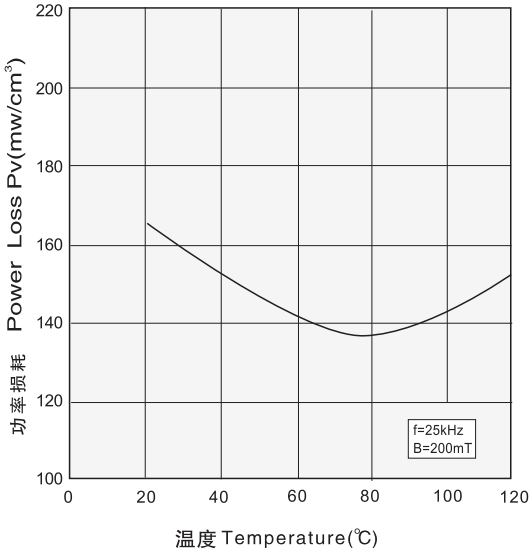
The above typical data arecalculated from the standard toroid core.The specific property of any parts will be adjusted a little based on these date.

JH3K 材料特性曲线
JH3K Material Characteristics Curve









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JH3K Material Characteristics Curve