

Mn-Zn 功率铁氧体材料特性  
Mn-Zn Power Ferrite Characteristics

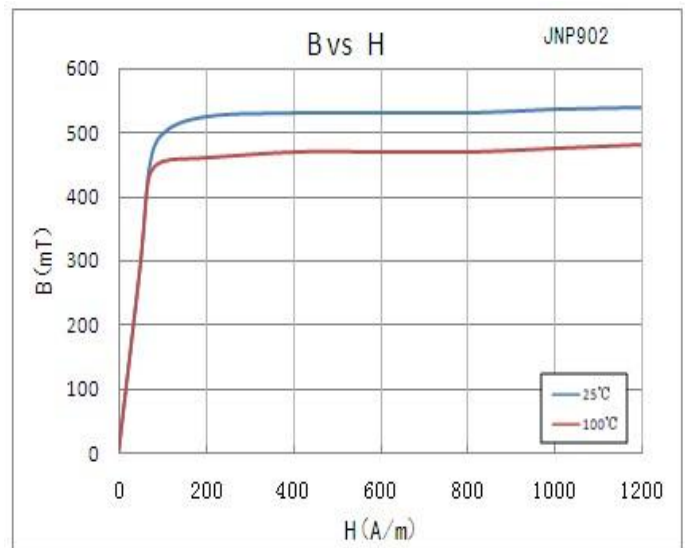
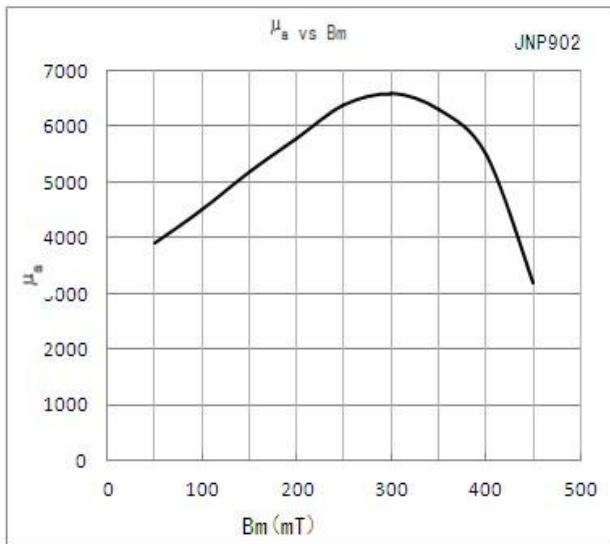
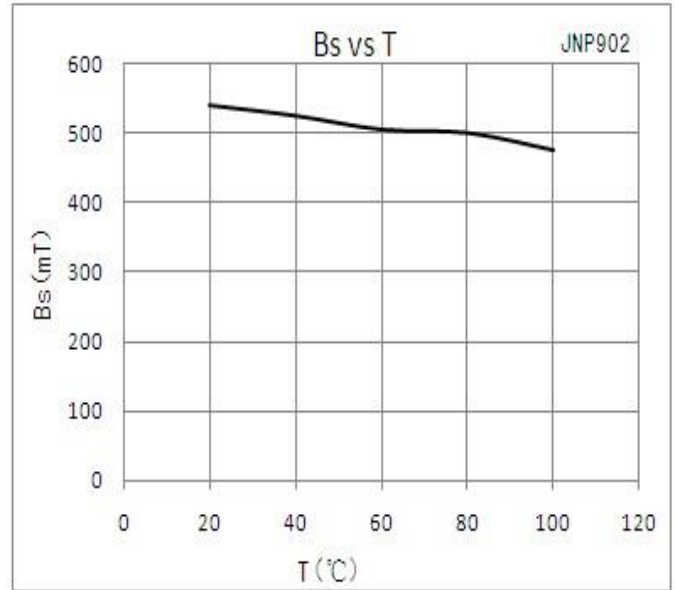
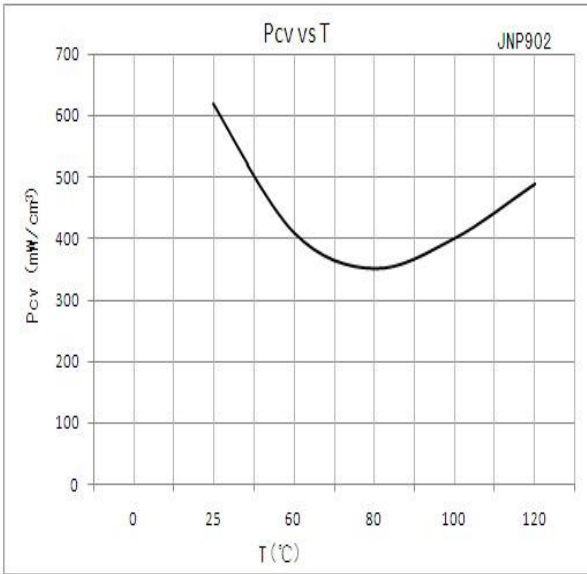
特性 Characteristics	符号 Symbol	单位 Unit	测试条件 Conditions	JNP902
初始磁导率 Initial Permeability	$\mu_i$	-	25°C	2000±25%
饱和磁通密度 Saturation Magnetic Flux Density	Bs	mT	25°C H=1194A/m,f=50Hz	535
			100°C H=1194A/m,f=50Hz	475
剩磁 Residual Magnetic Flux Density	Br	mT	25°C	105
矫顽力 Coercive Force	Hc	A/m	25°C	13.5
功率损耗 Power Loss	Pcv	mW/cm <sup>3</sup>	25°C f=100kHz,B=200mT	620
			80°C f=100kHz,B=200mT	350
			100°C f=100kHz,B=200mT	400
			120°C f=100kHz,B=200mT	490
居里温度 Curie Temperature	Tc	°C	-	≥270
电阻率 Electrical Resistivity	$\rho$	$\Omega \cdot m$	25°C	6
密度 Density	d	g/cm <sup>3</sup>	-	4.9

注：以上数据是根据标准样环 T25X15X8 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 are calculated from the standard toroid core. The specific property of any parts will be adjusted a little based on these data.

# JNP902 材料特性曲线

## JNP902 Material Characteristics Curve



### μ<sub>i</sub>-Temperature

