

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	JNP48
初始磁导率 Initial permeability	ui	-	25°C	2300±25%
饱和磁通密度 Saturation Magnetic Flux Density	Bs	mT	25°C H=1194A/m, f=50Hz	420
			100°C H=1194A/m, f=50Hz	310
剩磁 Residual Magnetic Flux Density	Br	mT	25°C	-
矫顽力 Coercive Force	Hc	A/m	25°C	26
功率损耗 Power Loss	Pv	mw/cm <sup>3</sup>	25°C f=100KHz, B=200mT	-
			100°C f=100KHz, B=200mT	-
居里温度 Curie Temperature	Tc	°C	-	≥170
电阻率 Electrical Resistivity	ρ	Ω·m	25°C	3
密度 Density	d	g/cm <sup>3</sup>	-	4.7

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.

## JNP48 材料特性曲线 JNP48 Material Characteristics Curve

