

Mn-Zn 功率铁氧体材料特性

Mn-Zn Power Ferrite Characteristics

注：以下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改变，具体以实际产品承认书标

准为准。The following data are typical data obtained according to the standard sample ring T25X15X8. The specific performance of related products will be changed on this basis. The specific data shall be subject to the actual product recognition standard.

特性 Characteristics	符号 Symbol	单位 Unit	测定条件 Conditions	JNP96F
初始磁导率 Initial Permeability	μ	-	25°C 10kHz, B<0.25mT	3300±25%
饱和磁通密度 Saturation Magnetic Flux Density	Bs	mT	25°C H=1194A/m, f=50Hz	530
			100°C H=1194A/m, f=50Hz	420
剩磁 Residual Magnetic Flux	Br	mT	25°C H=1194A/m, f=50Hz	85
矫顽力 Coercive Force	Hc	A/m	25°C H=1194A/m, f=50Hz	9
功率损耗 PowerLoss	Pv	mW/cm ³	25°C f=200kHz, B=125mT	250
			60°C f=200kHz, B=125mT	240
			80°C f=200kHz, B=125mT	240
			100°C f=200kHz, B=125mT	250
功率损耗 PowerLoss	Pv	mW/cm ³	25°C f=300kHz, B=100mT	270
			60°C f=300kHz, B=100mT	260
			80°C f=300kHz, B=100mT	260
			100°C f=300kHz, B=100mT	270
居里温度 Curie Temperature	Tc	°C	-	≥220
电阻率 Electrical Resistivity	ρ	$\Omega\cdot m$	25°C	7
密度 Density	d	g/cm ³	-	4.85

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JNP96F 材料特性曲线

JNP96F Material Characteristics Curve

