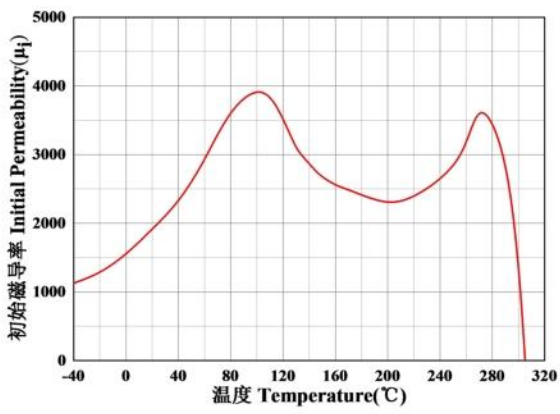
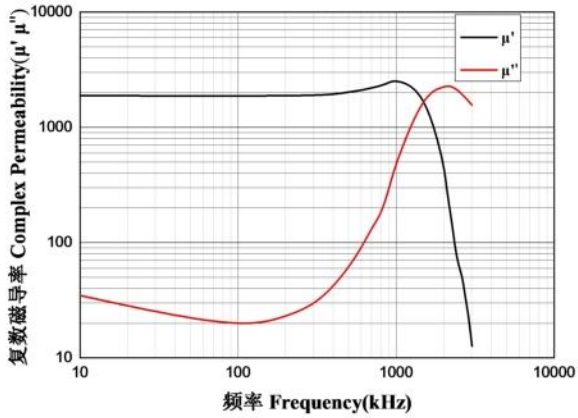
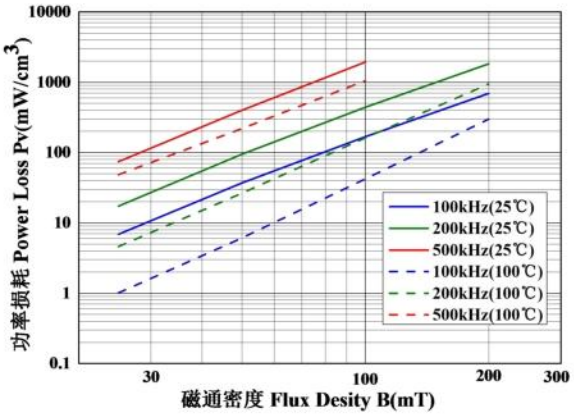
DMR91 材料特性

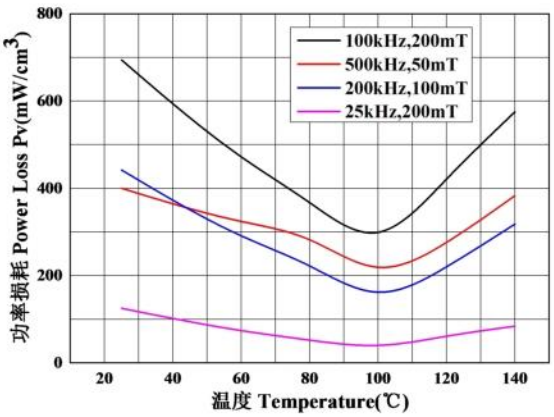
DMR91 Material Characteristics

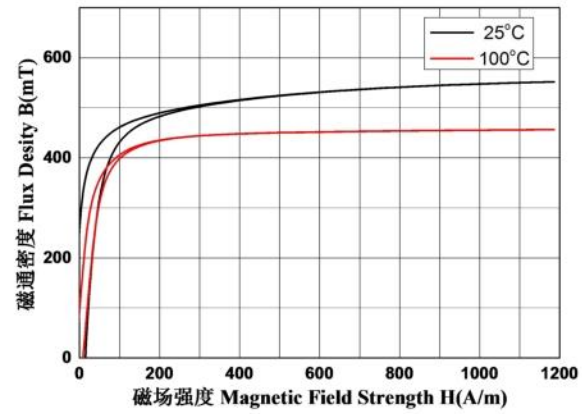
特性 SYMBOL	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 μi Initial Permeability	f=10kHz,B<0.25mT	25℃	2000±20%
饱和磁感应强度 Bs (mT) Saturation Magnetic Flux Density	50Hz，1194A/m	25℃	550
		100℃	460
		120℃	430
矫顽力 Hc（A/m） Coercive Force		25℃	11
		100℃	4.2
		120℃	4.3
剩磁 Br(mT) Residual Magnetic Flux Density		25℃	200
		100℃	62
		120℃	42
功耗 Pv(mW/cm3) Power loss	100kHz,200mT	25℃	700
		60℃	470
		100℃	300
		120℃	420
居里温度 Tc (℃) Curie Temperature	f=10kHz,B<0.25mT		>280
电阻率 (Ω·m) Resistivity		25℃	6
密度 d(g/cm3) Density		25℃	4.90

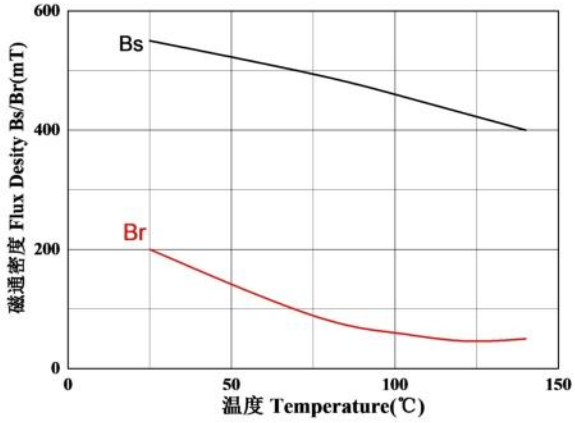


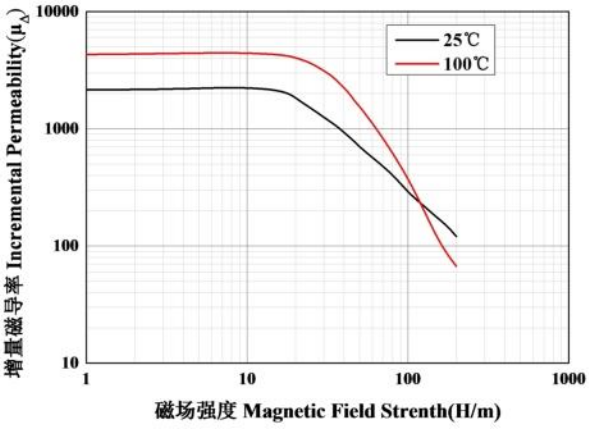












以上数据是根据标准样环φ25×φ15×8 获得的典型数据，有关产品的具体性能会在此基础上有所调整。

The above typical data are calculated from the standard toroid core. Specific performance of the product will be adjusted on this basis.