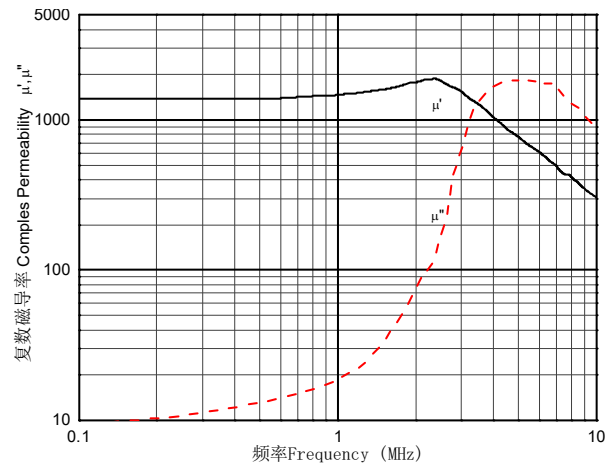
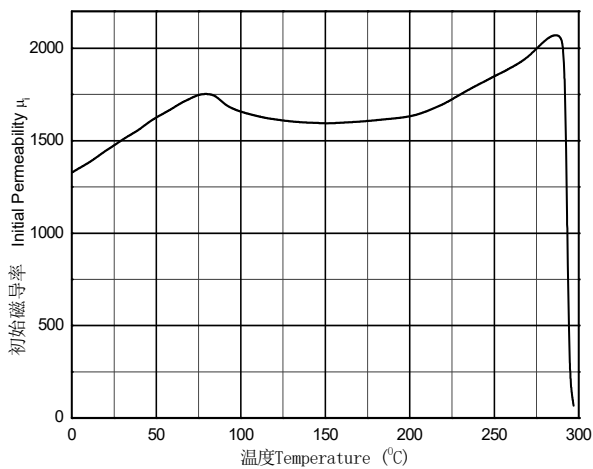




# DMR50B 材料特性

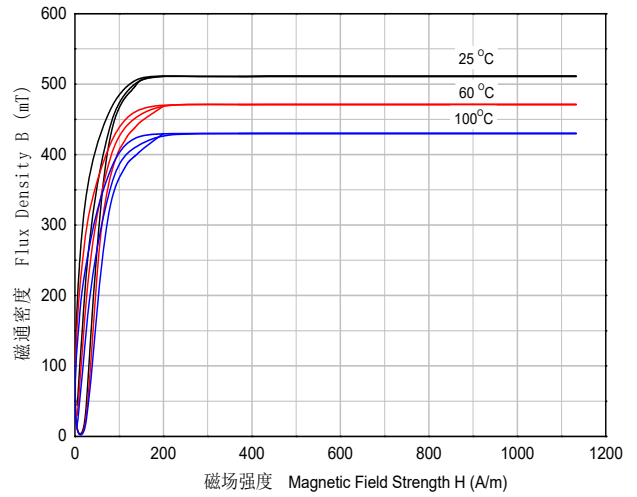
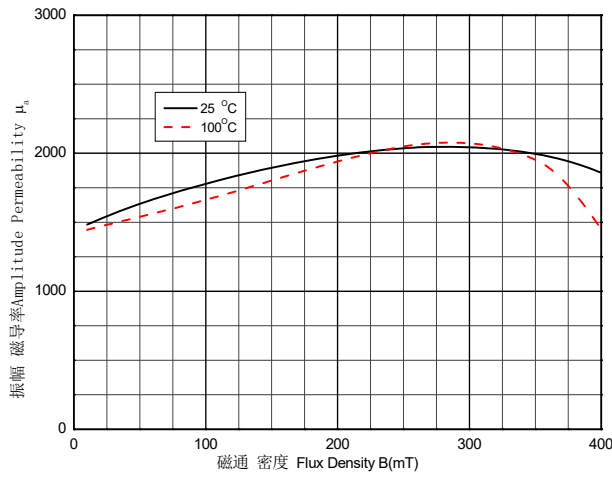
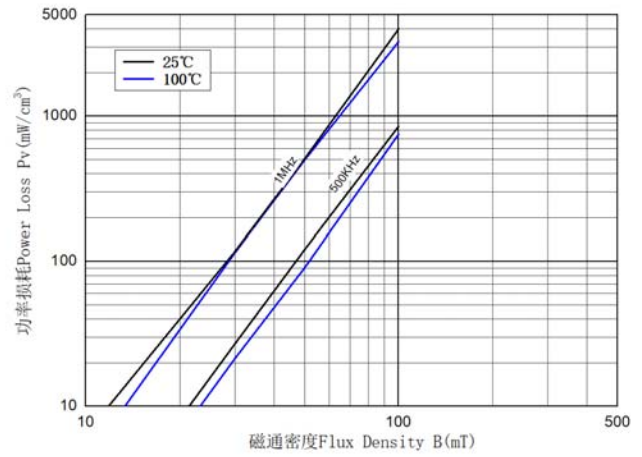
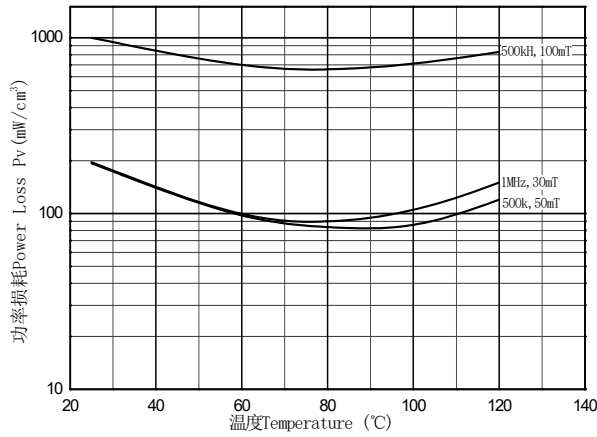
## DMR50B Material Characteristics

特性 SYMBOL	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 $\mu_i$ Initial Permeability	f=10kHz, B<0.25mT	25°C	1400±20%
饱和磁感应强度 $B_s$ (mT) Saturation Magnetic Flux Density		25°C	510
		100°C	410
剩磁 $B_r$ (mT) Residual Magnetic Flux Density	50Hz, 1194A/m	25°C	130
		100°C	90
矫顽力 $H_c$ (A/m) Coercive Force		25°C	30
		100°C	25
功耗 $P_v$ (mW/cm <sup>3</sup> ) Power loss	100kHz, 100mT,	100°C	150
	500kHz, 50mT,	100°C	80
	500kHz, 100mT,	100°C	700
居里温度 $T_c$ (°C) Curie Temperature	f=10kHz, B<0.25mT		>240
密度 $d$ (g/cm <sup>3</sup> ) Density		25°C	4.7





DMR50B-REV.B



以上数据是根据标准样环  $\phi 12.5 \times \phi 7.5 \times 7$  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.