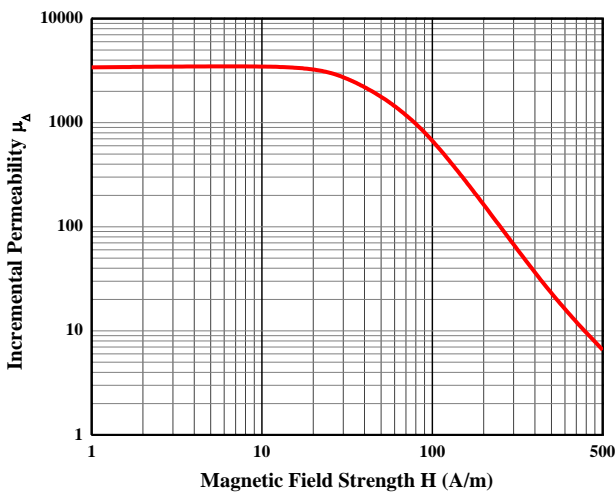
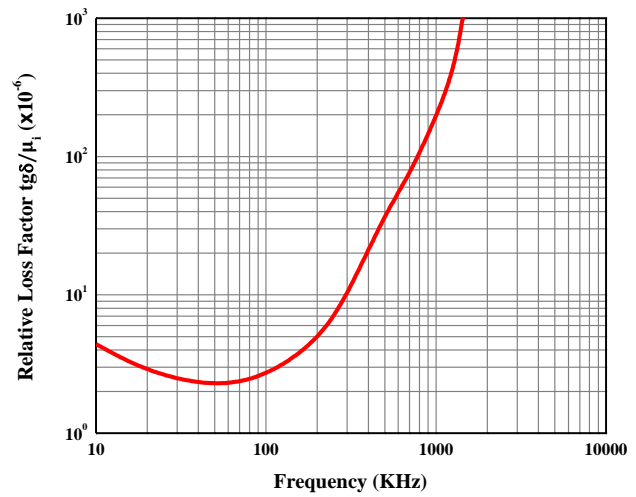
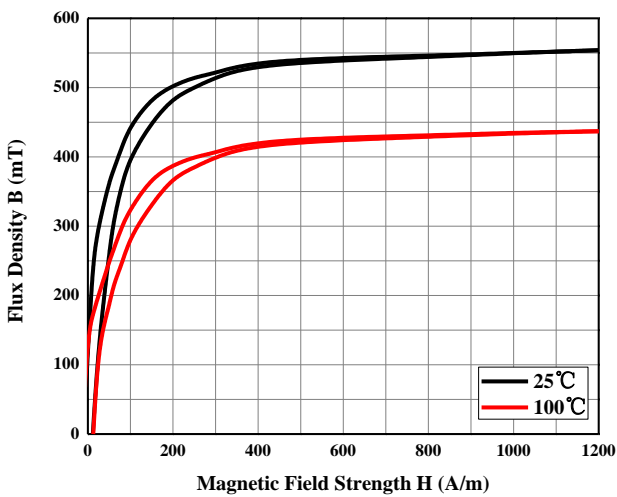
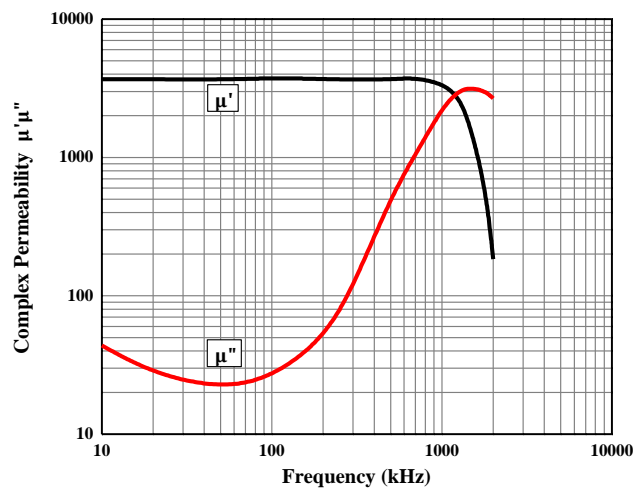
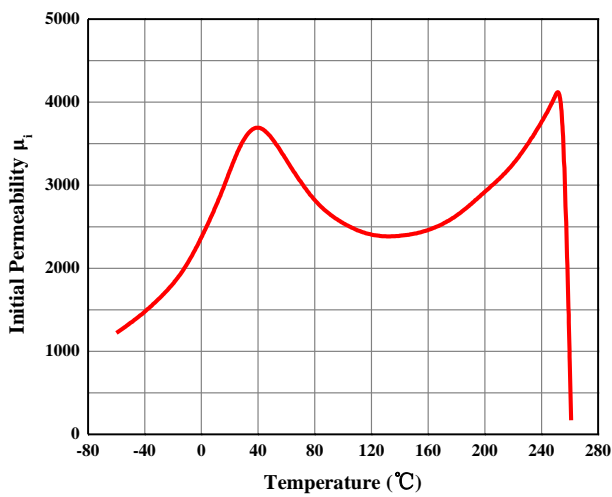


# DMR71 材料特性

## DMR71 Material Characteristics

特性 CHARACTERISTICS	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 $\mu_i$ Initial Permeability	10kHz, B<0.25mT	25°C	3800±25%
饱和磁感应强度 $B_s$ (mT) Saturation Magnetic Flux Density		25°C	550
		100°C	435
剩磁 $B_r$ (mT) Residual Magnetic Flux Density	50Hz, 1194A/m	25°C	120
		100°C	180
矫顽力 $H_c$ (A/m) Coercive Force		25°C	12
		100°C	15
比损耗因子 $\tan\delta/\mu_i$ ( $\times 10^{-6}$ ) Relative Loss Factor	10kHz, 0.25mT	25°C	<1
	100kHz, 0.25mT	25°C	<2
比温度系数 $\alpha_\mu$ ( $\times 10^{-6}/^\circ\text{C}$ ) Relative Temperature Coefficient	10kHz, B<0.25mT	5~25°C	$\approx 4.44$
		25~55°C	$\approx 2.22$
磁滞常数 $\eta_B$ ( $\times 10^{-6}/\text{mT}$ ) Hysteresis Material Constant		25°C	<0.3
居里温度 $T_c$ (°C) Curie Temperature	10kHz, B<0.25mT		>255
密度 $d$ (g/cm <sup>3</sup> ) Density		25°C	4.85



以上数据是根据标准样环  $\phi 25 \times \phi 15 \times 8$  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.