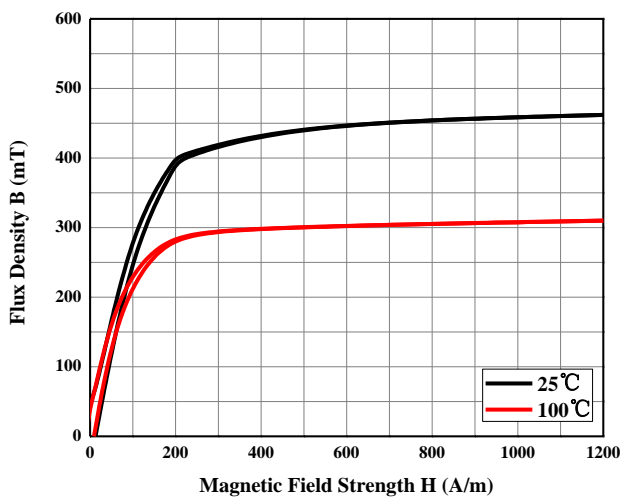
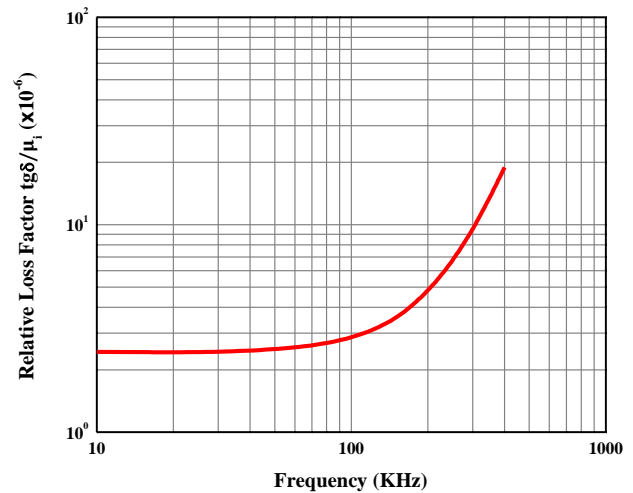
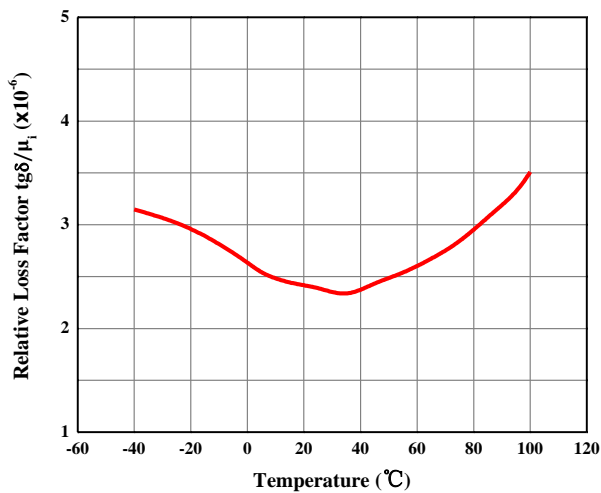
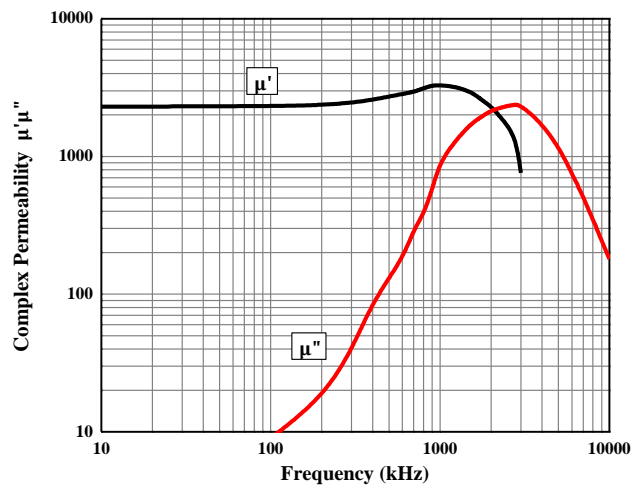
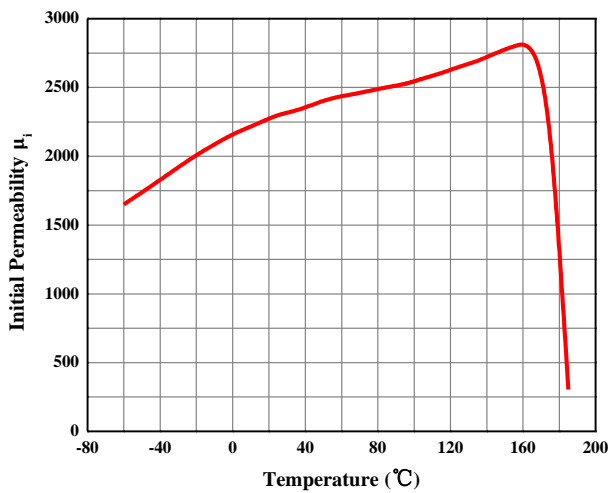


DMR70 材料特性

DMR70 Material Characteristics

特性 CHARACTERISTICS	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 μ_i Initial Permeability	10kHz, B<0.25mT	25°C	2300±25%
饱和磁感应强度 B_s (mT) Saturation Magnetic Flux Density	50Hz, 1194A/m	25°C	430
		100°C	310
剩磁 B_r (mT) Residual Magnetic Flux Density		25°C	60
		100°C	50
矫顽力 H_c (A/m) Coercive Force		25°C	15
		100°C	11
比损耗因子 $\tan\delta/\mu_i$ Relative loss factor	10kHz, 0.25mT	25°C	<4
	100kHz, 0.25mT	25°C	<6
比温度系数 α_μ ($\times 10^{-6}/^\circ\text{C}$) Relative Temperature Coefficient	10kHz, B<0.25mT	5~25°C	0.3~1.3
		25~55°C	0.3~1.3
磁滞常数 η_B ($\times 10^{-6}/\text{mT}$) Hysteresis Material Constant		25°C	<0.4
居里温度 T_c (°C) Curie Temperature	10kHz, B<0.25mT		>170
密度 d (g/cm^3) Density		25°C	4.8



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.