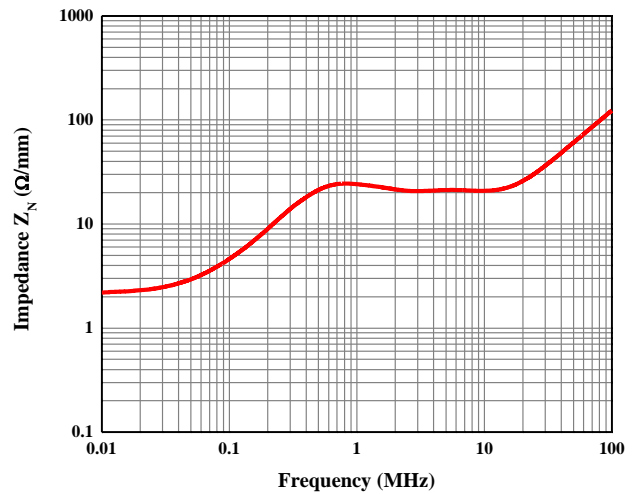
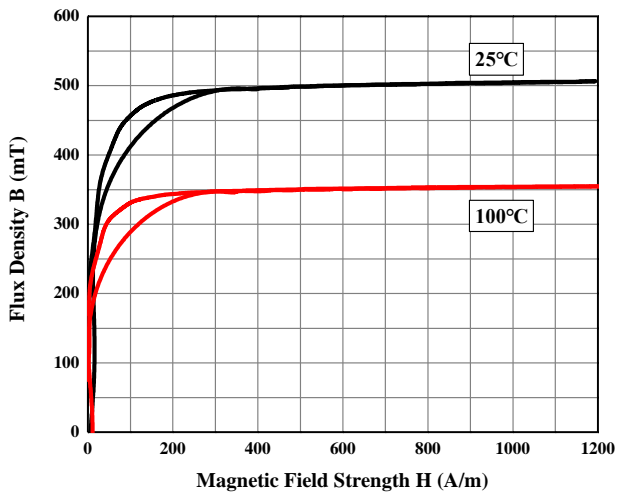
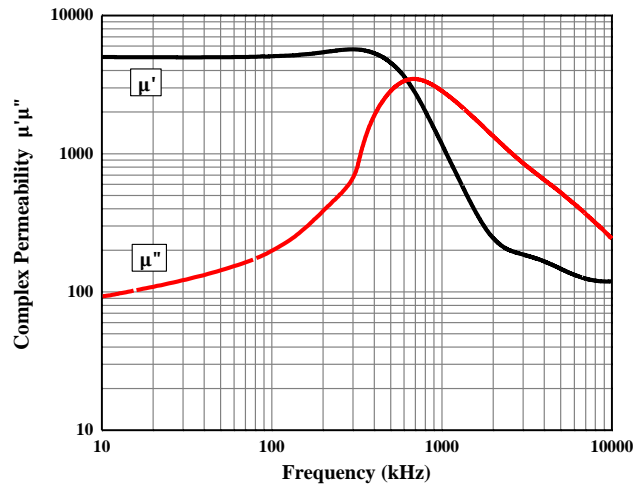
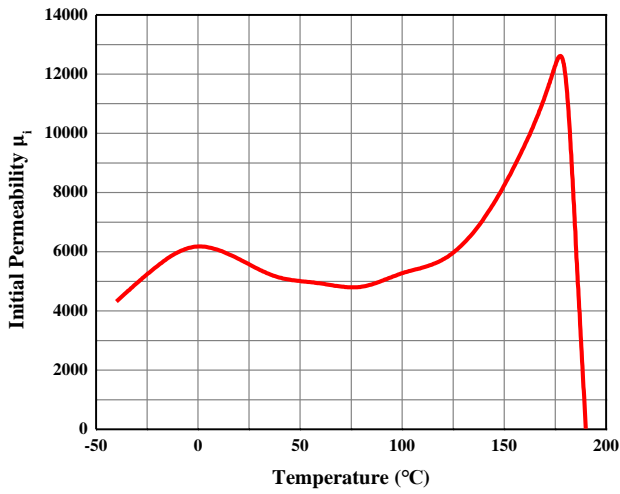


# R5KC 材料特性

## R5KC Material Characteristic

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	5500±25%
比损耗因子 $\tan\delta/\mu_i$ ( $\times 10^{-6}$ ) Relative Loss Factor	100kHz, B<0.25mT		<10.0
饱和磁感应强度 $B_s$ (mT) Saturation Magnetic Flux Density	50Hz, 1194A/m	25°C	480
比温度系数 $\alpha_{\mu r}$ ( $\times 10^{-6}/^{\circ}\text{C}$ ) Relative Temperature Coefficient		25°C~60°C	-2.0~2.0
居里温度 $T_c$ (°C) Curie Temperature	10kHz, B<0.25mT		>170
密度 $d$ ( $\text{g}/\text{cm}^3$ ) Density		25°C	4.85



Notes: Z-f test condition: N=1Ts、wires length 165mm、 $\phi$  0.5mm

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.