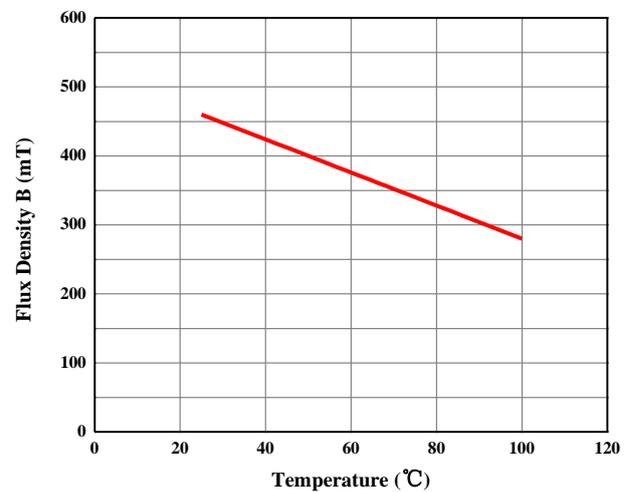
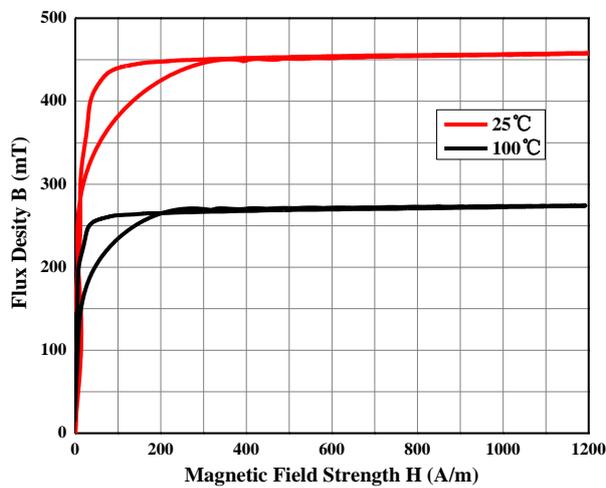
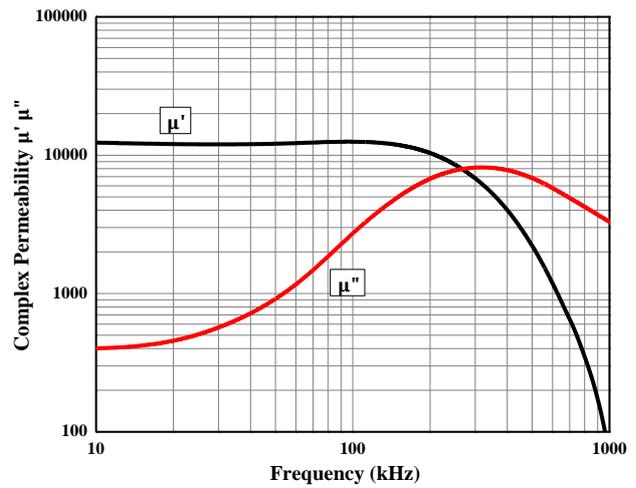
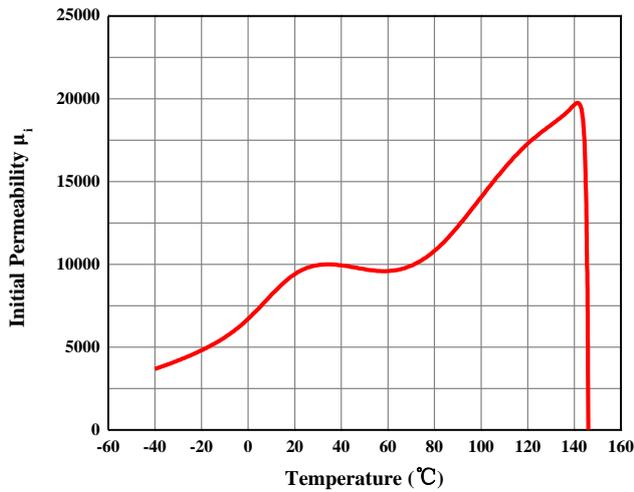


# R10KZ 材料特性

## R10KZ 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	10000±30%
	200kHz, B<0.25mT	25°C	9500±30%
比损耗因子 $\tan\delta/\mu_i$ ( $\times 10^{-6}$ ) Relative Loss Factor	100kHz, B<0.25mT	25°C	$\leq 10$
饱和磁感应强度 $B_s$ (mT) Saturation Magnetic Flux Density	50Hz, 1194A/m	25°C	$\geq 450$
		100°C	$\geq 260$
比温度系数 $\alpha_\mu$ ( $\times 10^{-6}/^\circ\text{C}$ ) Relative Temperature Coefficient		20°C~60°C	-0.5~1.5
磁滞常数 $\eta_B$ ( $\times 10^{-6}/\text{mT}$ ) Hysteresis Material Constant	10kHz, 1.5~3mT	25°C	$\leq 0.2$
居里温度 $T_c$ (°C) Curie Temperature	f=10kHz, B<0.25mT		130
密度 $d$ ( $\text{g}/\text{cm}^3$ ) Density		25°C	4.95



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.