



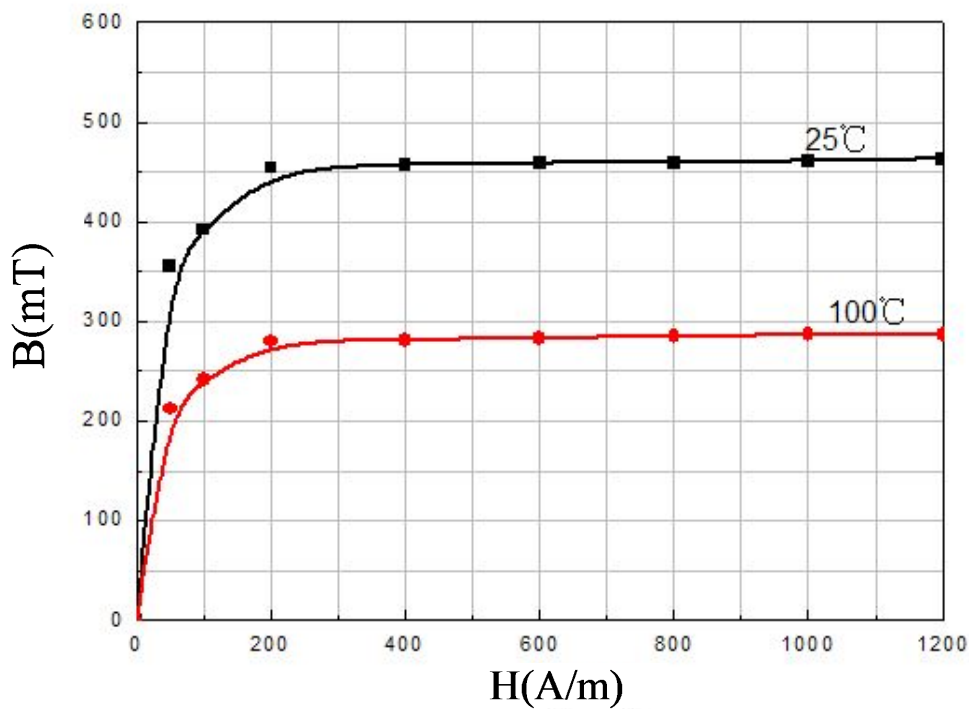
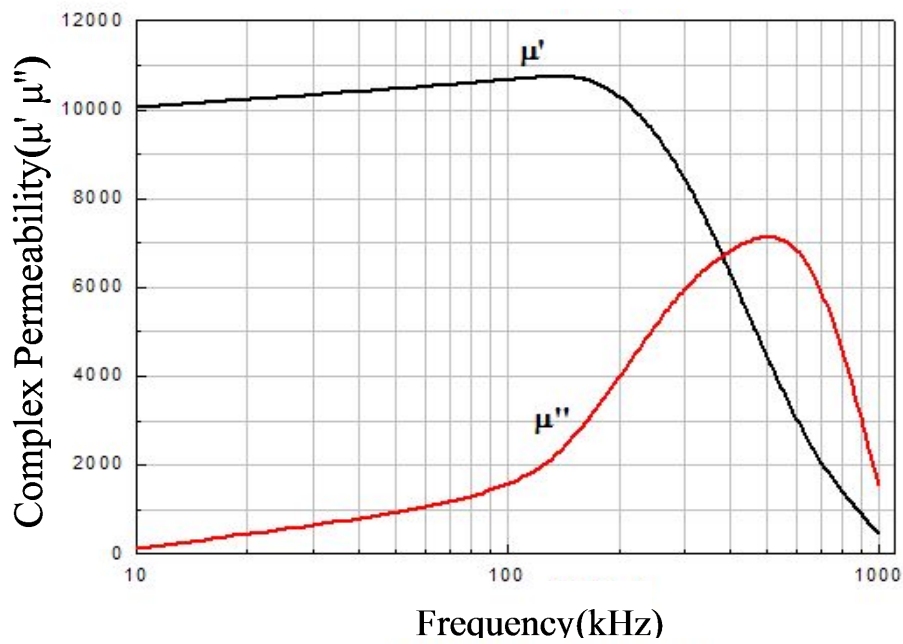
R10KZ-REV.B

R10KZ 材料特性

R10KZ Material Characteristics

特性 SYMBOL	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 μ_i Initial permeability	10kHz, B<0.25mT	25°C	10000±30%
磁导率 μ_i Permeability	200kHz, B<0.25mT	25°C	9500±30%
比损耗因子 $\tan\delta/\mu_i$ Relative loss factor	100kHz, B<0.25mT	25°C	$\leq 10 \times 10^{-6}$
饱和磁通密度 B_s (mT) Saturation flux density	50Hz, 1194A/m	25°C	≥ 450
		100°C	≥ 260
比温度系数 $\alpha_{\mu r}$ (1/°C) Relative temperature coefficient		20°C ~ 60°C	$(-0.5 \sim 1.5) \times 10^{-6}$
磁滞常数 η_B (/ mT) Hysteresis material constant	10kHz, 1.5~3mT	25°C	$\leq 0.2 \times 10^{-6}$
居里温度 T_c (°C) Curie temperature			130
密度 d (g/cm ³) Density			4.95

Date 2014-11



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.