

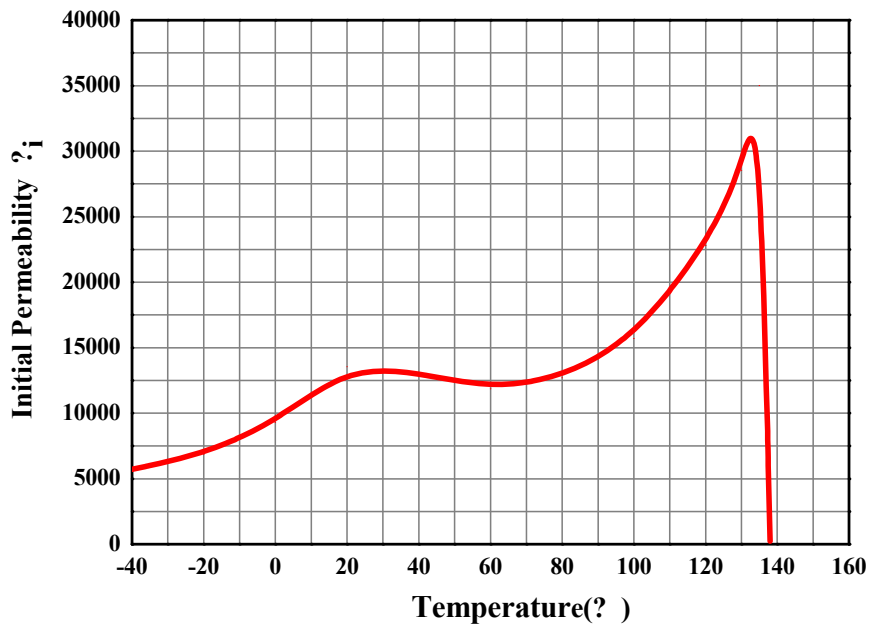
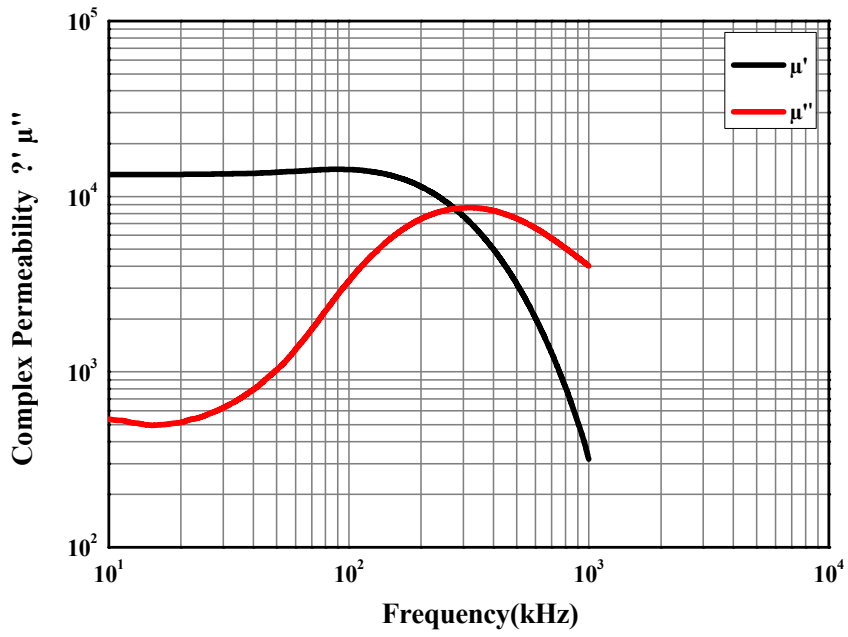


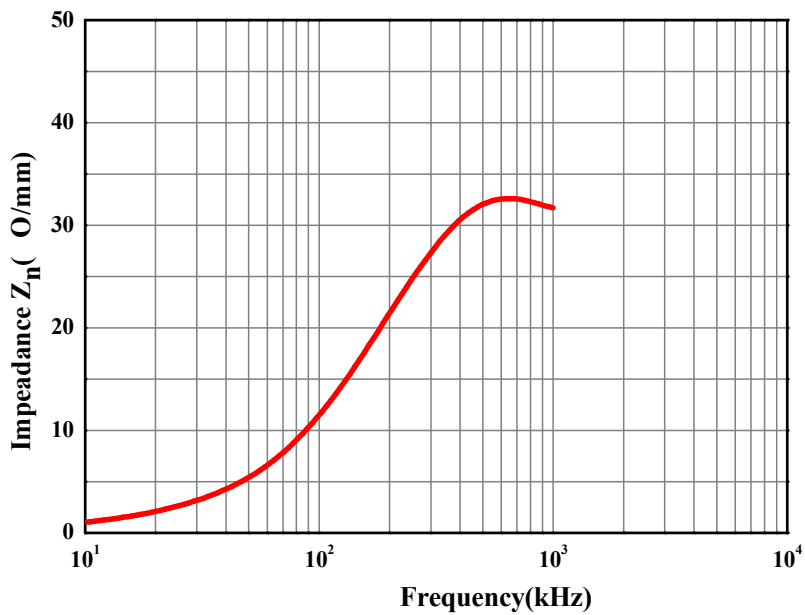
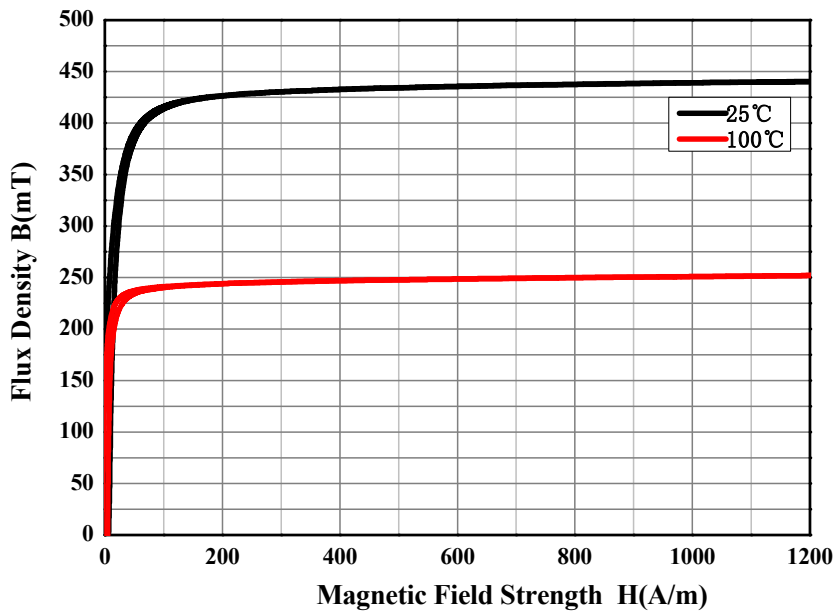
R12KZ-REV.A

R12KZ 材料特性

R12KZ Material Characteristics

| 特性 CHARACTER | 测试条件 CONDITIONS | | 典型值 VALUE |
|---|--------------------|---------------|--------------------------------|
| 初始磁导率 μ_i Initial permeability | 10kHz, B<0.25mT | 25°C | 12000±30% |
| 磁导率 μ Permeability | 100kHz, B<0.25mT | 25°C | 12000±30% |
| 比损耗因子 $\tan\delta/\mu_i$ Relative loss factor | 100kHz, B<0.25mT | 25°C | $<30.0 \times 10^{-6}$ |
| 饱和磁通密度 B_s (mT) Saturation flux density | 50Hz, 1194A/m | 25°C | 430 |
| 比温度系数 $\alpha_{\mu r}$ (1/°C) Relative temperature coefficient | | 20°C~ 60°C | $-1.5 \sim 1.0 \times 10^{-6}$ |
| 居里温度 T_c (°C) Curie temperature | 10kHz, B<0.25mT | | >130 |
| 密度 d (g/cm ³) Density | | | 4.90 |





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.