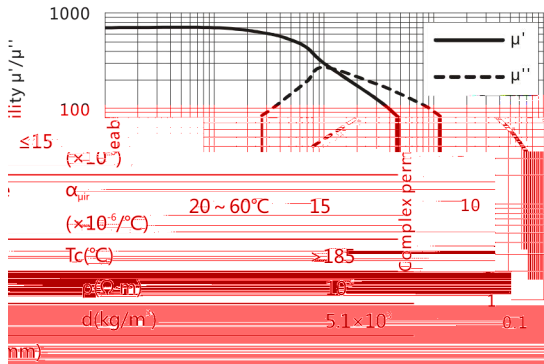


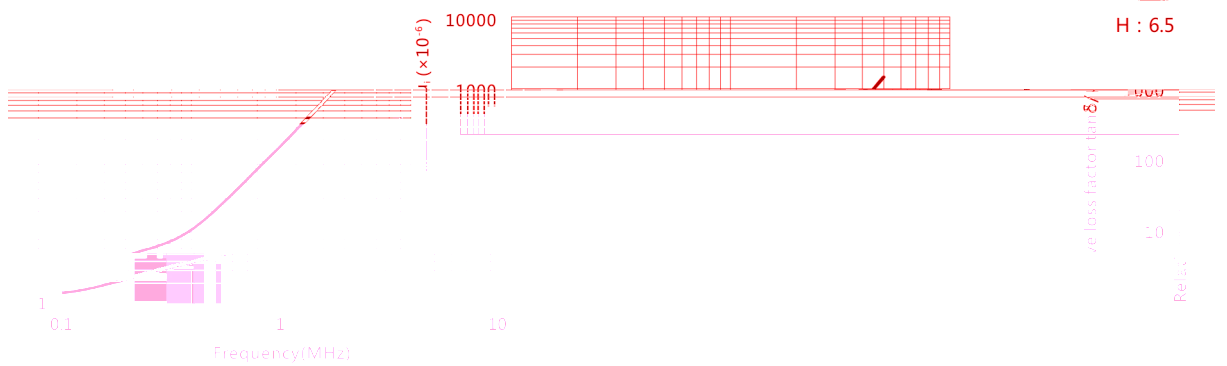
**Complex permeability vs.Frequency**



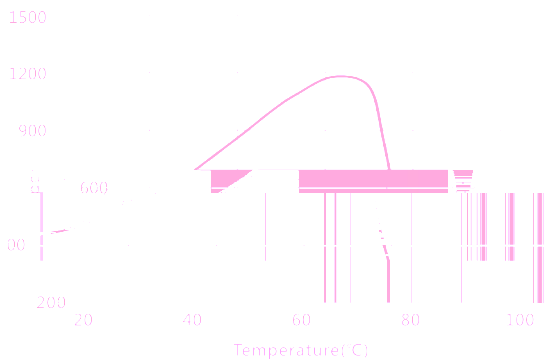
|                                  |            |      |         |
|----------------------------------|------------|------|---------|
| Initial permeability             | $\mu_i$    | 25°C | 650±20% |
| Saturation magnetic flux density | $B_s$ (mT) | 25°C | 400     |

|                                  |   |      |                       |
|----------------------------------|---|------|-----------------------|
| Relative loss factor             | $\tan\delta/\mu'$                             | 25°C | 0.0015                |
| Relative temperature coefficient | $100 \times \frac{\Delta\mu'}{\mu' \Delta T}$ |      | -0.15%                |
| Curie temperature                | $T_c$ (°C)                                    |      | >185                  |
| Electrical resistivity           | $\rho$ ( $\Omega \cdot m$ )                   |      | $\leq 15$             |
| Density                          | $d$ (kg/m <sup>3</sup> )                      |      | $5.1 \times 10^4$     |
| Test core : Toroid (mm)          |   |      | OD : 12.7<br>ID : 7.9 |
|                                  |   |      | H : 6.5               |

**Relative loss factor vs.Frequency**



**Initial permeability vs. Temperature**



**Flux density vs. Temperature**

