

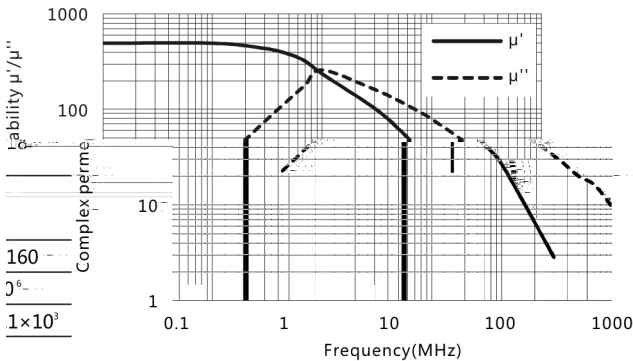
材料 Ma a TN50D

特点 F a

抗应力 S I

低比温度系数 L R a T a C c

Complex permeability vs.Frequency



| | | | |
|----------------------------------|-----------------------------|-------------------------------------|---------|
| Initial permeability | μ_i | 25°C | 500±20% |
| Saturation magnetic flux density | $B_s(\text{mT})$ | 25°C | 350 |
| Relative loss factor | $\tan\delta/\mu_i$ | 25°C | 20~60°C |
| 100kHz | | ($\times 10^{-6}$) | 1 |
| Relative temperature coefficient | α_{air} | ($\times 10^{-6}/^\circ\text{C}$) | > |
| Curie temperature | $T_c(^\circ\text{C})$ | | > |
| Electrical resistivity | $\rho(\Omega\cdot\text{m})$ | | 10 |
| Density | $d(\text{kg}/\text{m}^3)$ | | 5.0 |

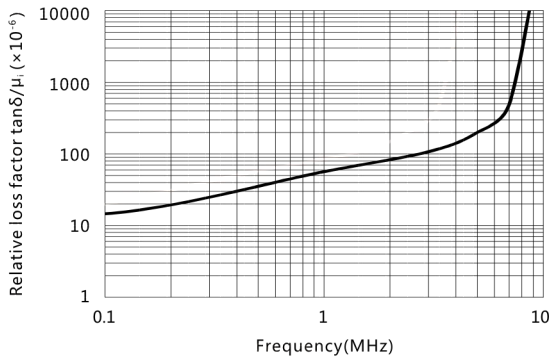
Test core : Toroid(mm)

OD : 12.7

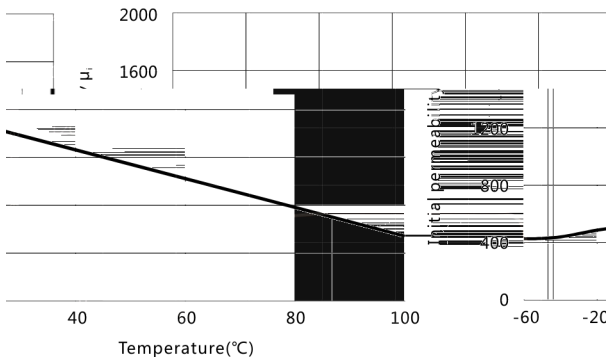
ID : 7.9

H : 6.5

Relative loss factor vs.Frequency



Initial permeability vs. Temperature



Flux density vs. Temperature

