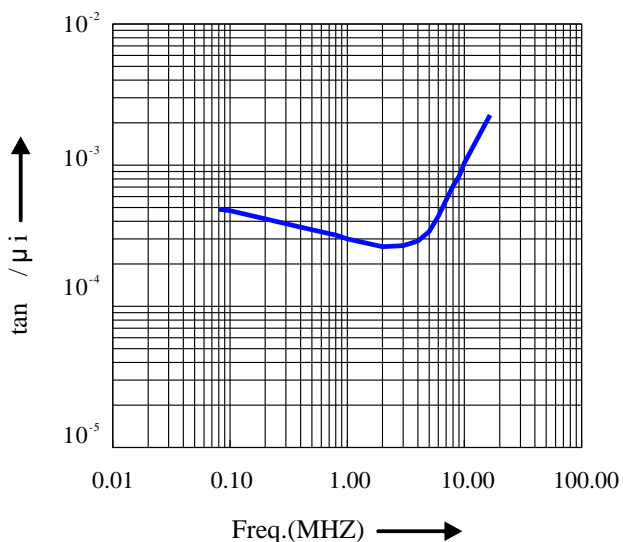




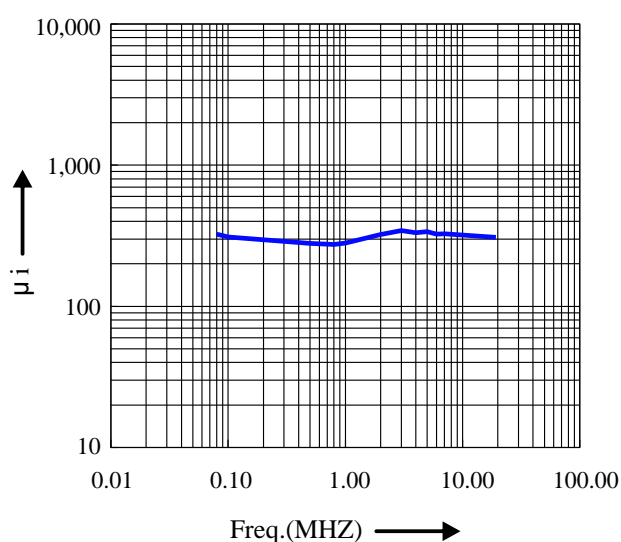
# 材料特性 MAGNETIC PROPERTIES OF MATERIAL

| Characteristics | Practical Frequency | Initial Permeability | Saturation Magnetic Flux Density | Curie Temperature | Specific Gravity      | Relative Loss Factor                              | Relative Temperature Coefficient                   |
|-----------------|---------------------|----------------------|----------------------------------|-------------------|-----------------------|---|--|
| Material 特性     | 使用頻率                | 初透磁率                 | 飽和磁束密度                           | 居里溫度              | 比重                    | 比損耗因子   | 初透磁率比溫度系數  |
| 材質              | ft(MHZ)             | $\mu_{iac}$          | BS(gauss)                        | T.C( )            | d(g/cm <sup>3</sup> ) | $\tan \delta / \mu_i$<br>(x10 <sup>-6</sup> /MHZ) | $\frac{\mu_r}{20 \sim 70}$<br>(x10 <sup>-6</sup> ) |
| F1B             | 0.3-7.0             | 250 ±25%             | 3000                             | >180              | 6.1                   | <705 7.0  | 15-35  |

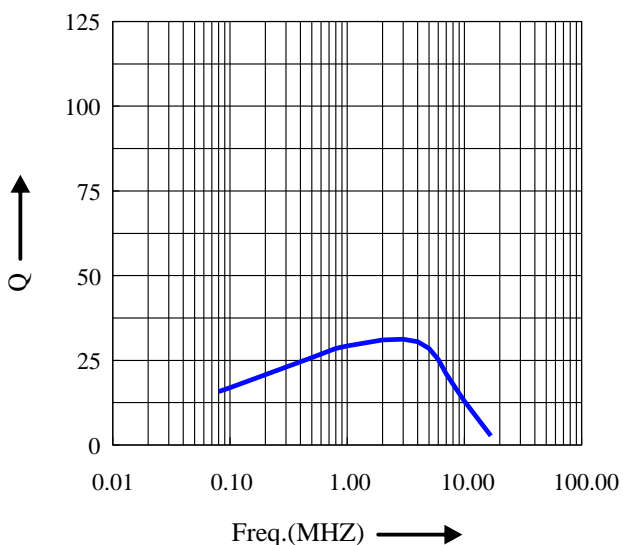
Loss factor vs Frequency



Initial permeability vs Frequency



Quality Factor vs Frequency



Inductance change to a function of Temperature

