

2N3

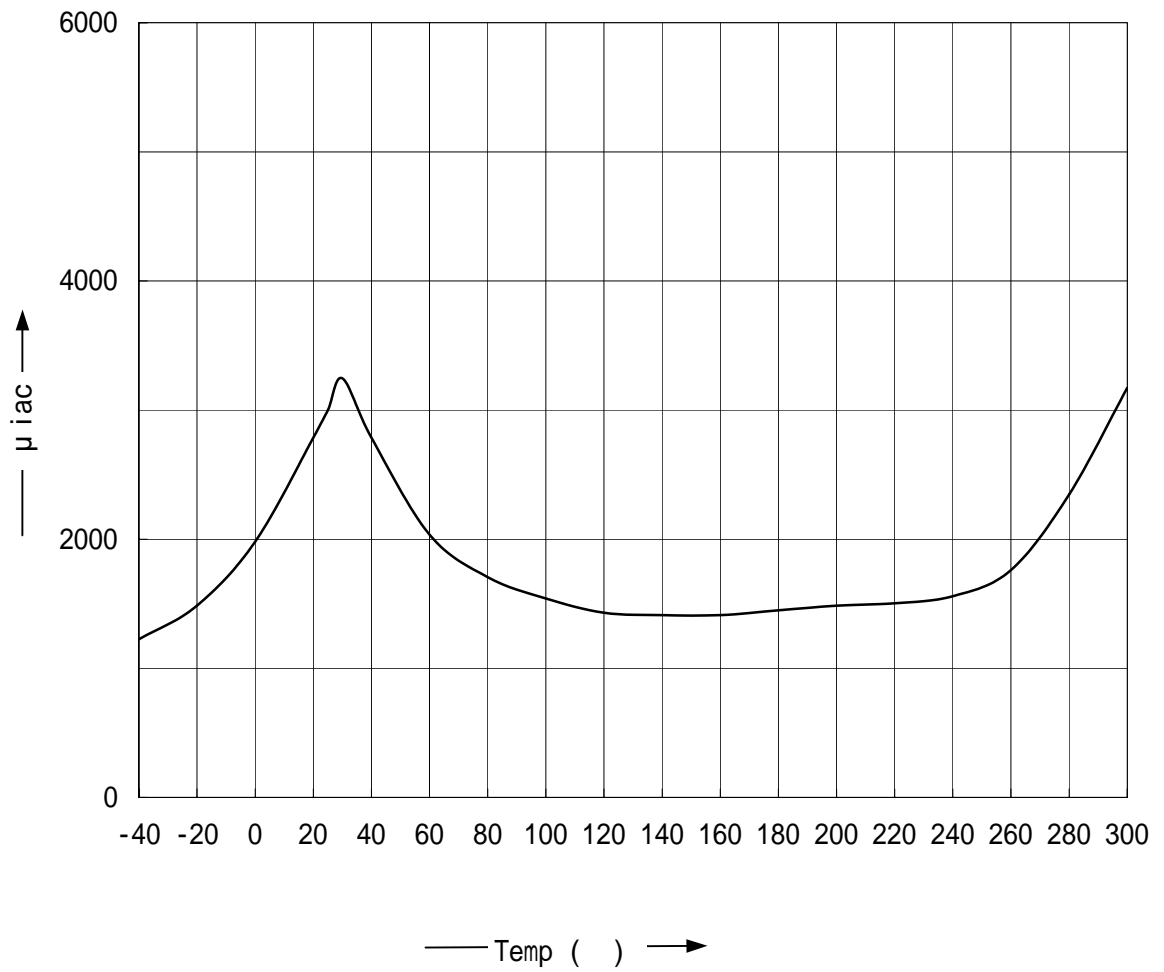
標準材質特性

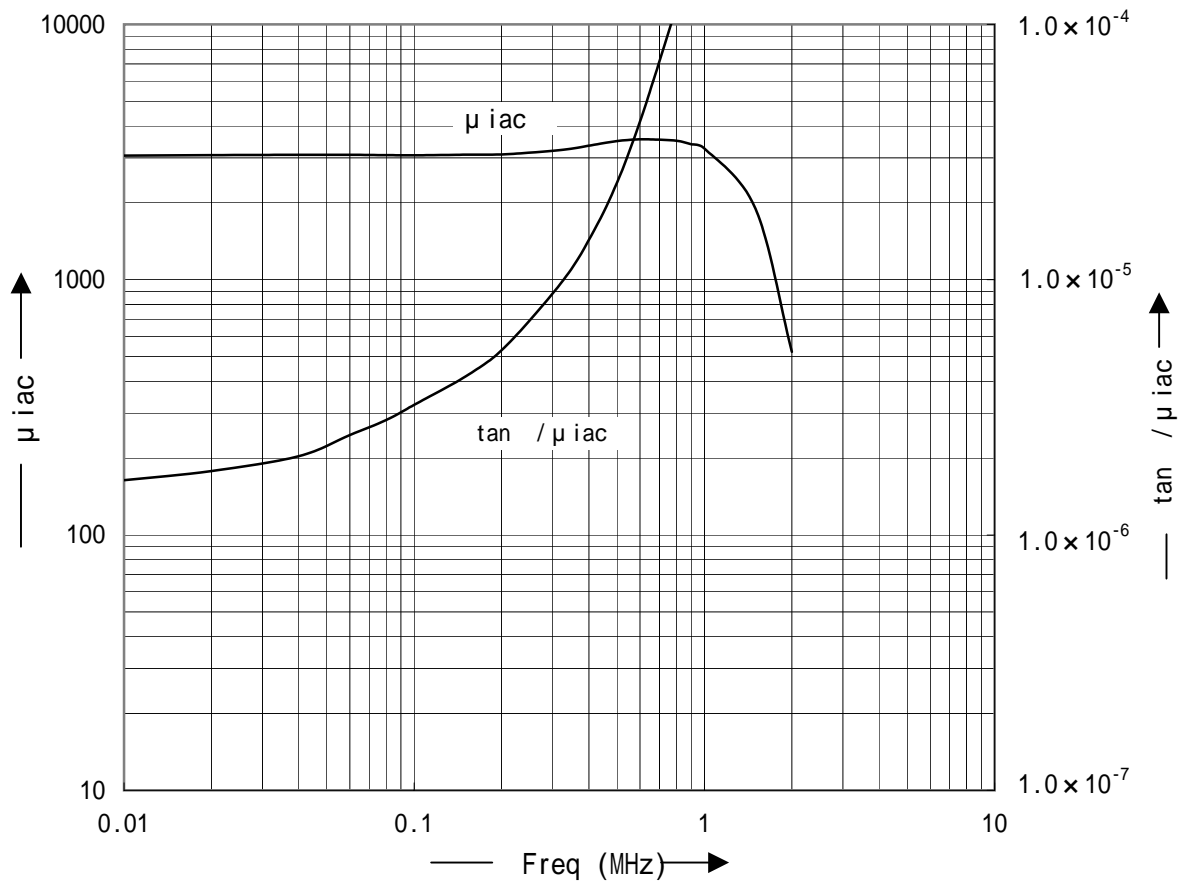
Standard Characteristics Of Material

| | | | |
|-------------------------------------|---------------------------|---------------|--|
| 交流初透磁率 Initial permeability | μ_{iac} | 3000 | — |
| 相对損失係数 Relative loss factor | $\tan \delta / \mu_{iac}$ | 0.16 | $\times 10^{-5}$ (10 KHz) |
| 透磁率の相对温度係数 Relative temperature | μ_r | - 2.9 14.4 | $\times 10^{-6}$ / (20 ~ 60) (- 20 ~ 20) |
| キュリー温度 Curie temperature | Tc | 300 < | |
| 実効飽和磁束密度 Saturation flux density | Bms 20 100 | 550 440 | H=1200(A/m) mT |
| 残留磁束密度 Remanence flux density | Br 20 100 | 130 170 | mT |
| 保磁力 Coercivity | Hc 20 100 | 10.2 12.3 | A/m |
| 抵抗率 Electrical resistivity | ν | 0.071 | -m |
| 見掛密度 Density | dapp | 4.9 | $\times 10^3$ (Kg/m ³) |

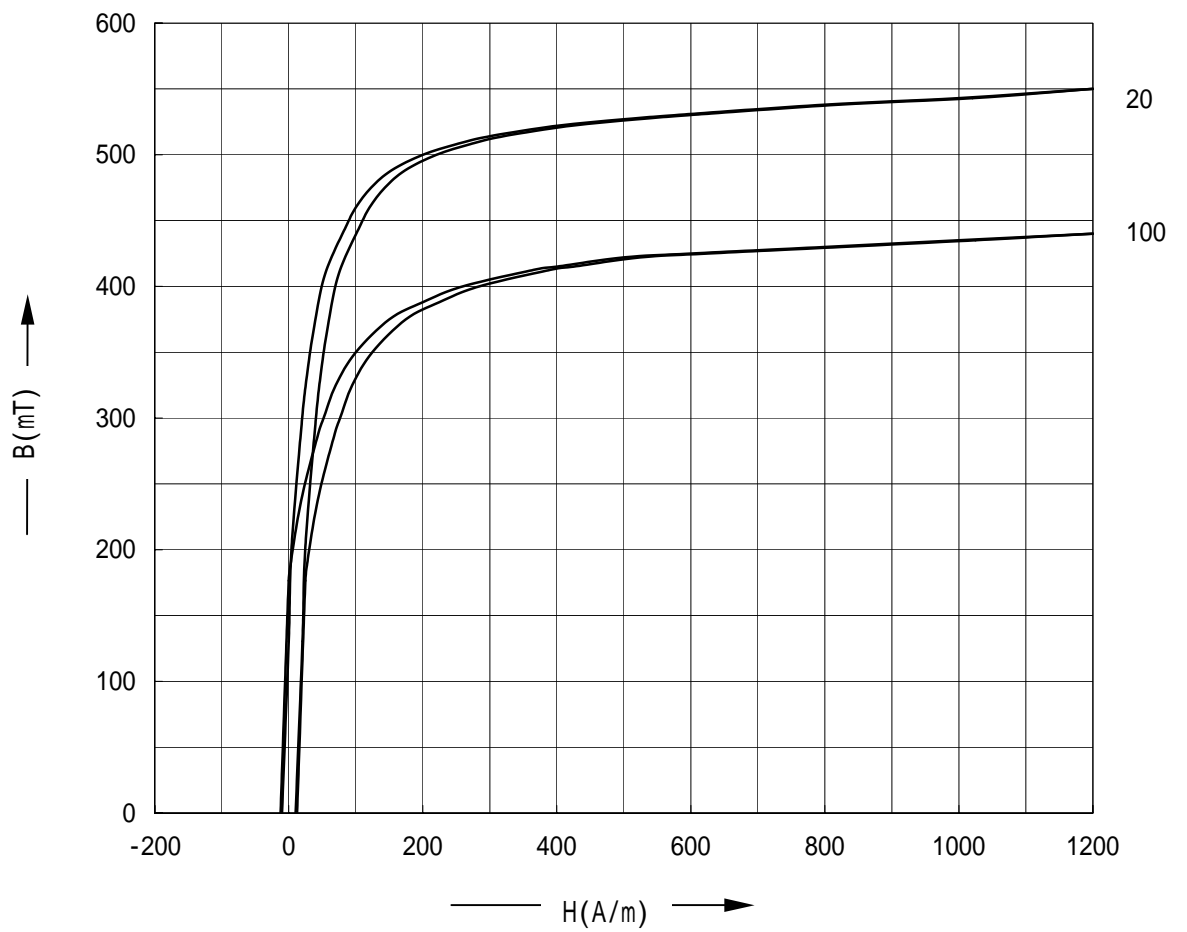
*The values were obtained from General Testing Methods of Ferrite Cores.

2N3 μ iac vs. Temperature



2N3 μ iac and \tan / μ iac vs Frequency

2N3 B-H Characteristics



2N3 vs 2G8 pre-magnetization curves

CORE:ER-17.6(Gap=0.30)

