

2N5

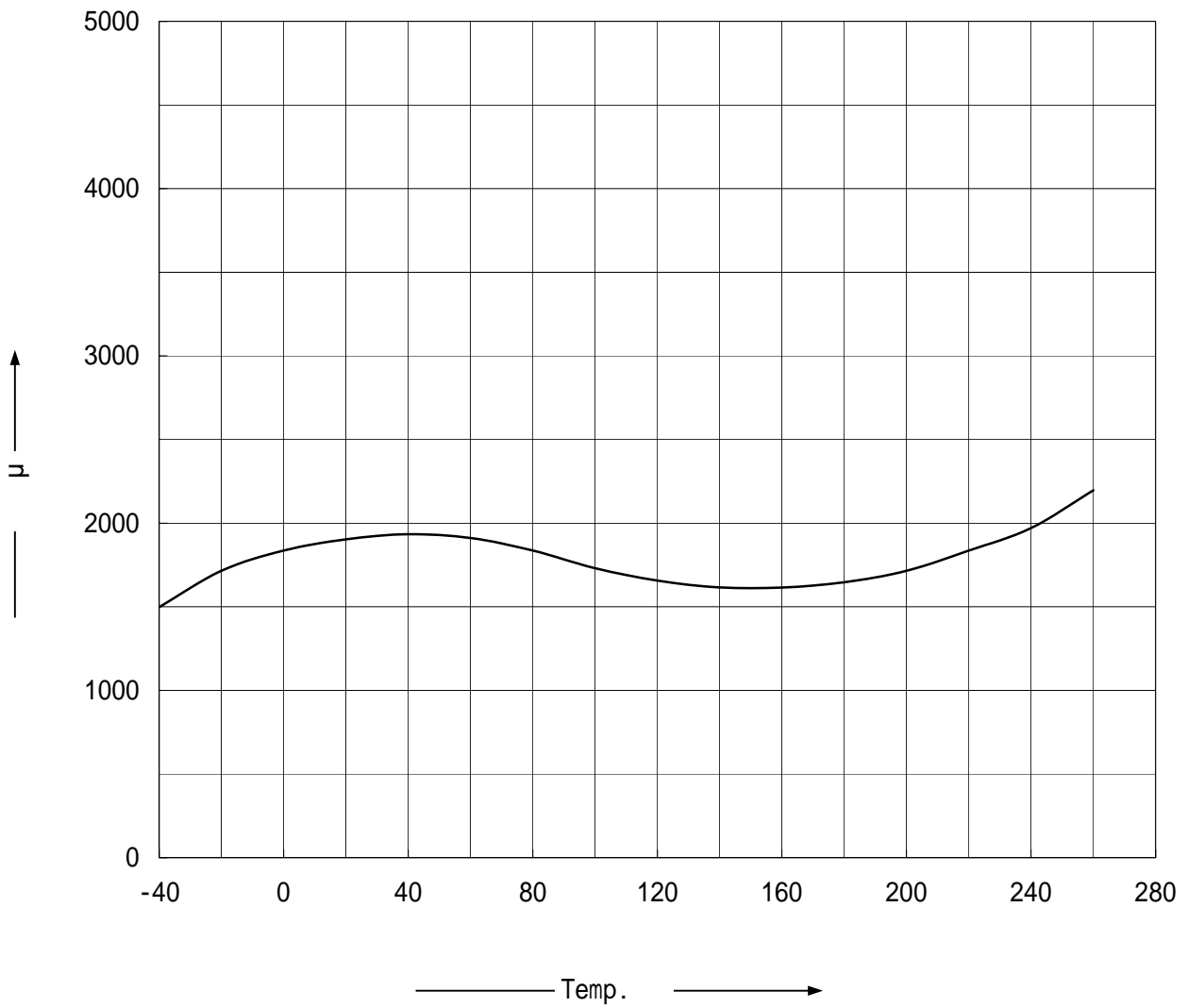
標準材質特性

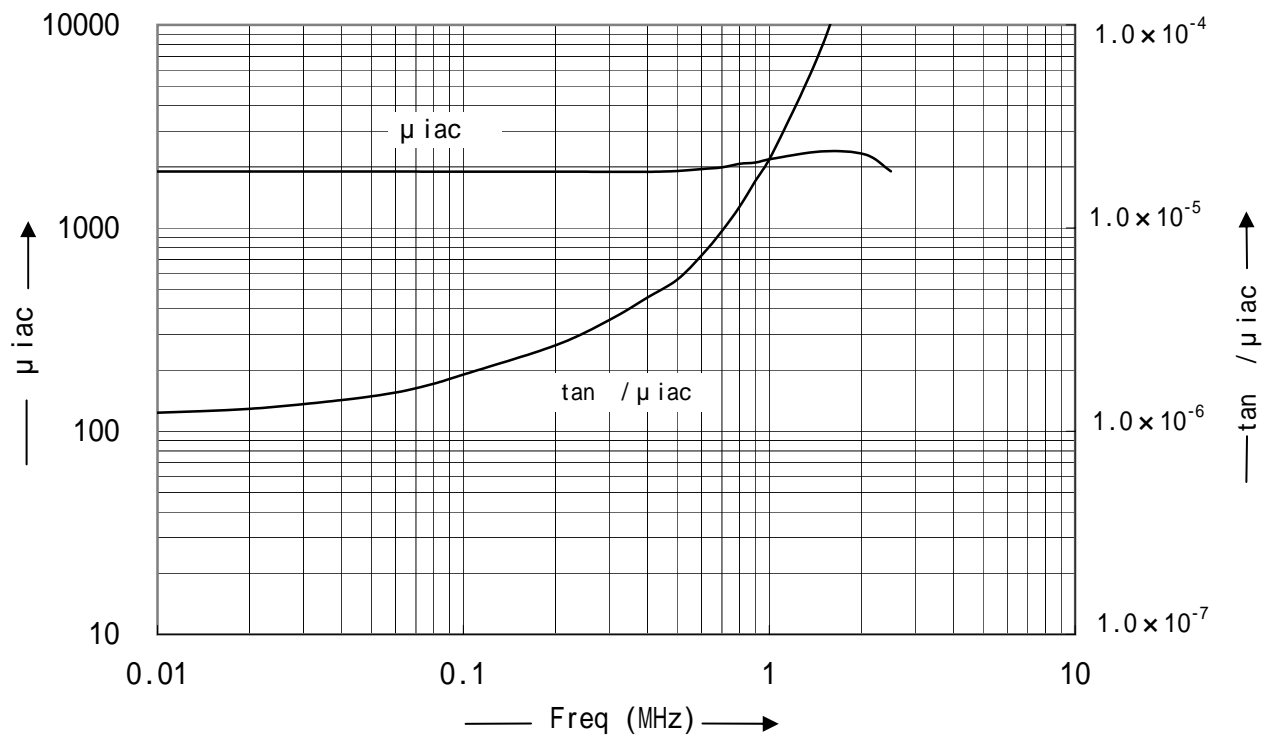
Standard Characteristics Of Material

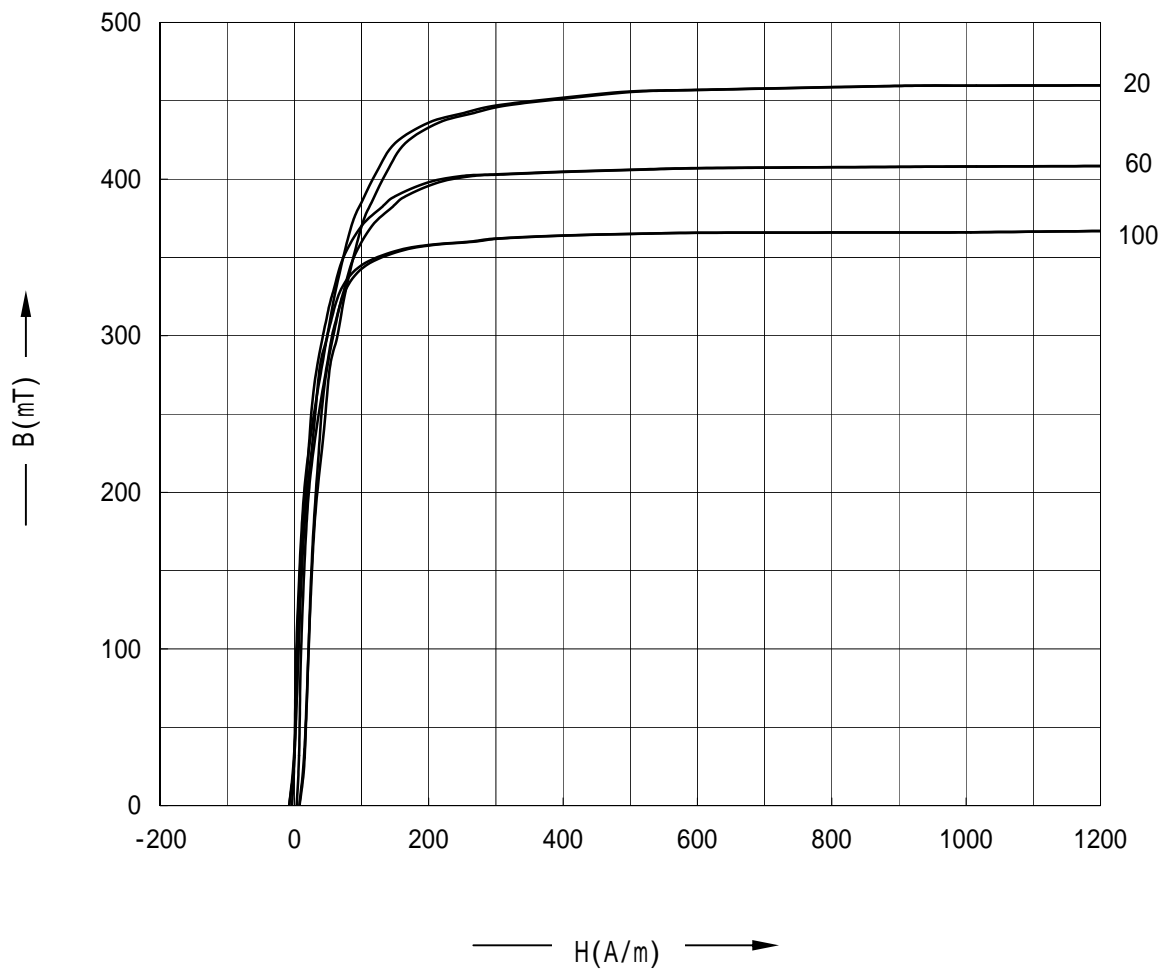
交流初透磁率 Initial permeability	μ_{iac}	1900	—————
相対損失係数 Relative loss factor	$\tan \delta / \mu_{iac}$	0.123	$\times 10^{-5}$ (10 KHz)
透磁率の相対温度係数 Relative temperature	$\mu_r(20 \sim 60 \text{ } ^\circ\text{C})$ $(-20 \sim 20 \text{ } ^\circ\text{C})$	0.055 1.598	$\times 10^{-6}/$
キュリー温度 Curie temperature	Tc	> 260	
パワーロス Power Loss	P.L.(500kHz 50mT)	20 85 60 60 100 80	kW/m^3
実効飽和磁束密度 Saturation flux density	Bms H=1200(A/m)	460	mT
残留磁束密度 Remanence flux density	Br	36	mT
保磁力 Coercivity	Hc	7.5	A/m
抵抗率 Electrical resistivity	ν	11.1	-m
見掛密度 Density	dapp	4.7	$\times 10^3$ (Kg/m ³)

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

2N5 μ iac vs. Temperature



2N5 μ iac and $\tan \delta / \mu$ iac vs Frequency

2N5 B-H Characteristics

2N5 Power Loss vs. Temperature

500kHz-50mT
3Ts-3Ts

