2N2

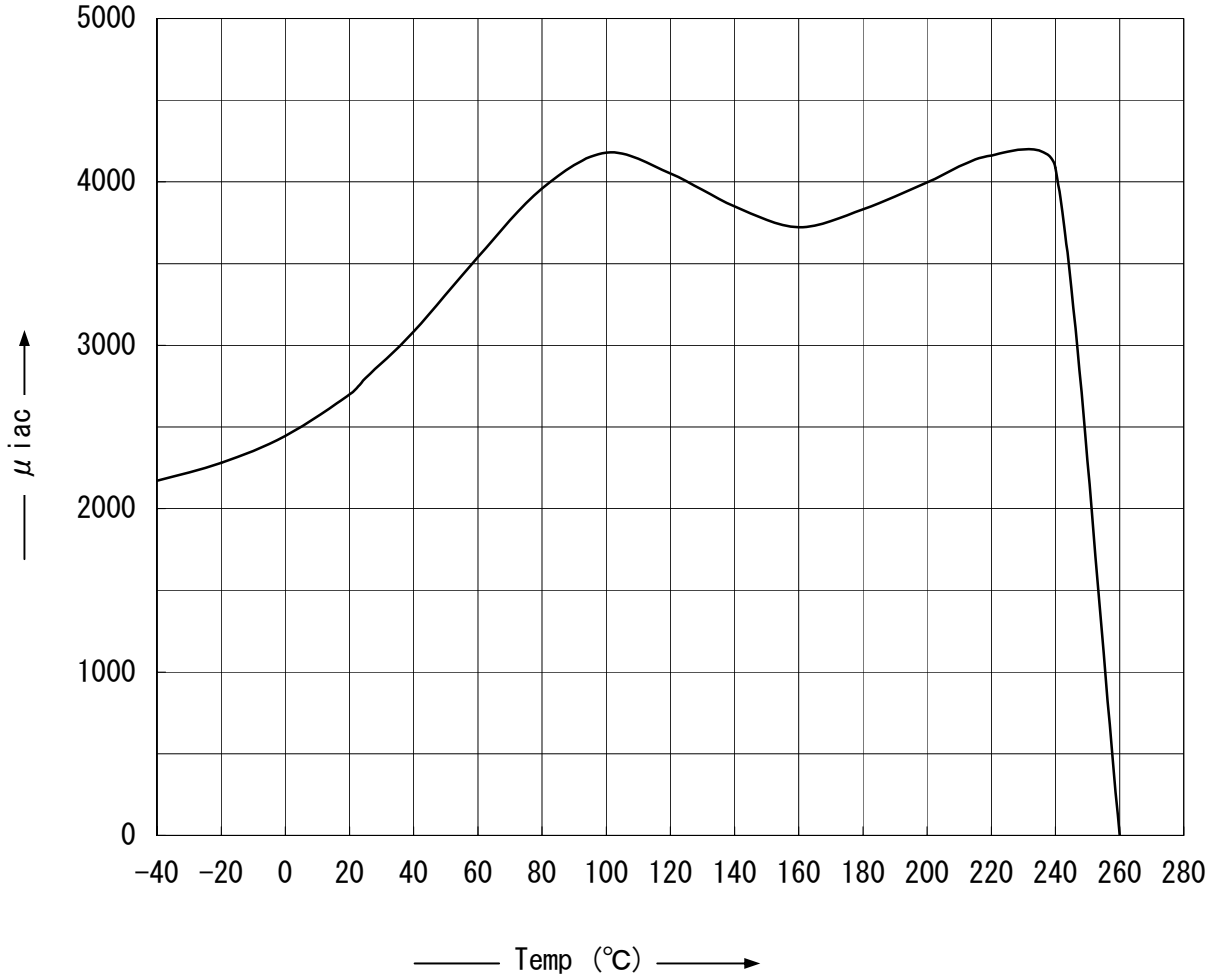
標 準 材 質 特 性

Standard Characteristics Of Material

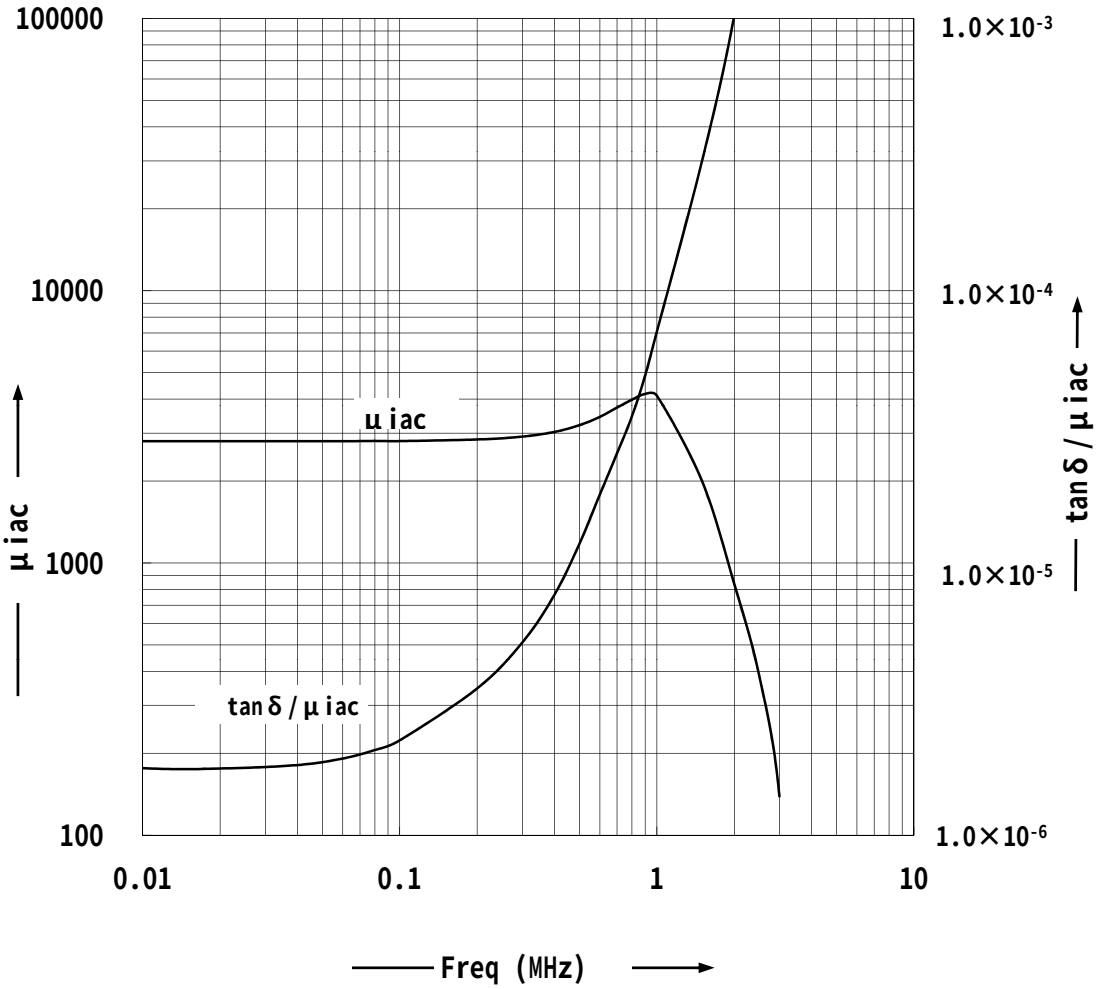
交流初透磁率 Initial permeability	μiac	2800	―――
相対損失係数 Relative loss factor	tanδ/μiac	0.176	$\times 10^{-5}$ (10 KHz)
透磁率の相対温度係数 Relative temperature	$\alpha\mu$r(20～60℃) (-20～20℃)	2.877 1.448	$\times 10^{-6}$/℃
キュリー温度 Curie temperature	Tc	＞260	℃
パワーロス Power Loss	P.L(100kHz200mT)	40℃ 395 60℃ 345 100℃ 290 120℃ 330	kW/m^3
実効飽和磁束密度 Saturation flux density	Bms 20 ℃ 100	535 425	H=1200(A/m) mT
残留磁束密度 Remanence flux density	Br 20 ℃ 100	90 50	mT
保磁力 Coercivity	Hc 20 ℃ 100	10 6	A/m
抵抗率 Electrical resistivity	ρv	6.59	Ω-m
見掛密度 Density	dapp	4.9	$\times 10^3$ (kg/m^3)

*材質特性の測定方法は概ねJIS-C2561に準じたものです。
特性は全て代表値であり保証値ではありません。
*The values were obtained from testing methods carried out in accordance with JIS-C2561:General Testing Methods for Cores Made of Ferromagnetic Oxides.

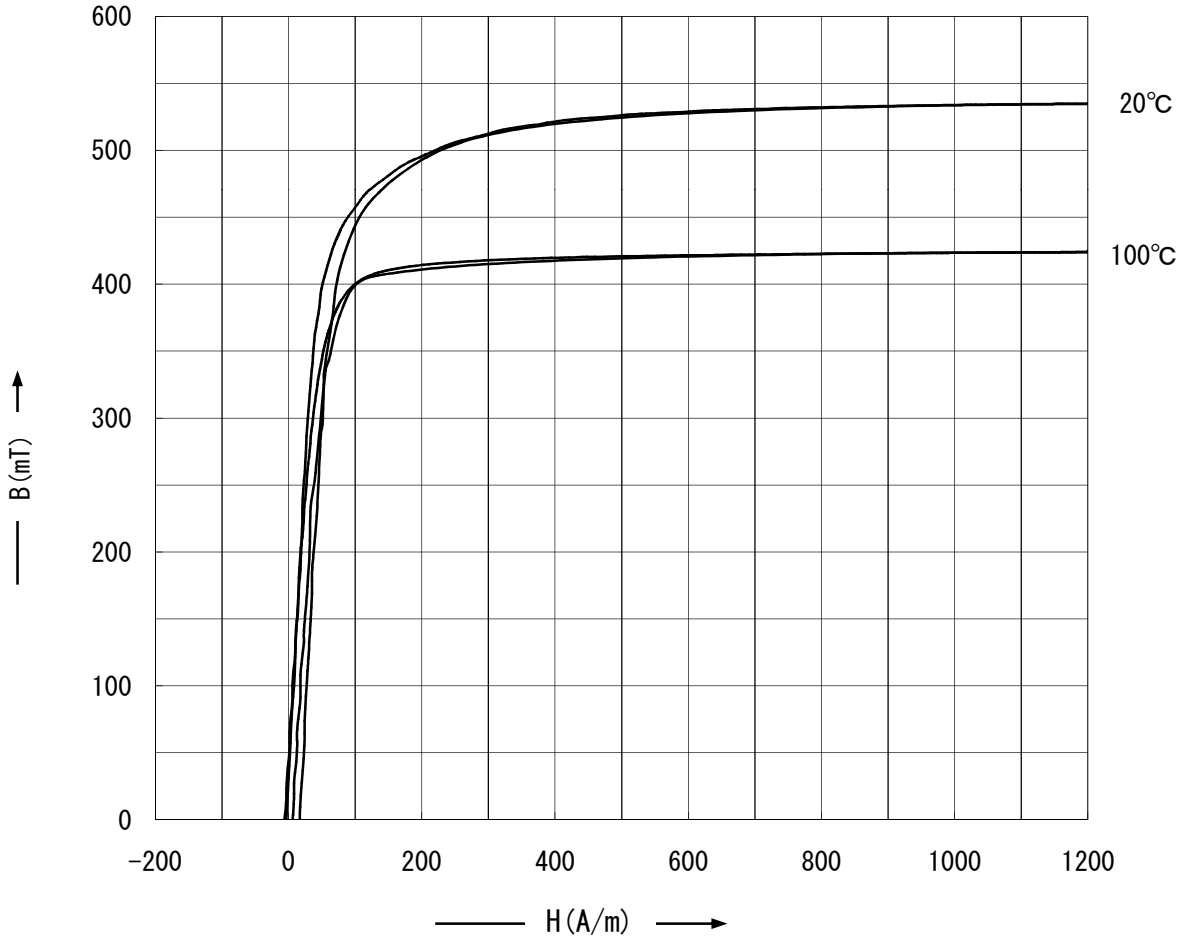
2N2 μiac vs. Temperature



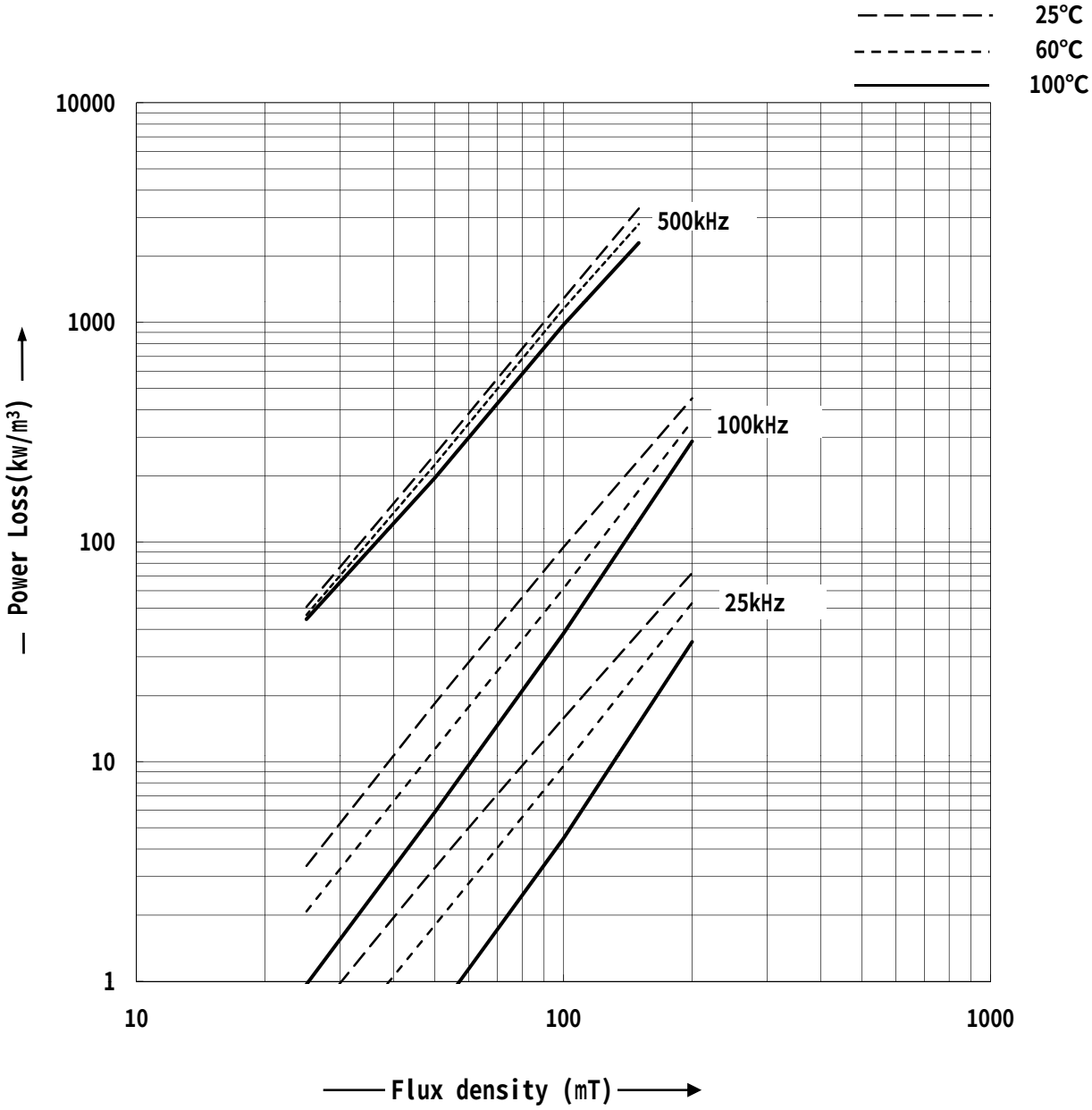
2N2 μiac and tanδ/μiac vs Frequency



2N2 B-H Characteristics



2N2 Power Loss vs.Flux density



2N2 Power Loss vs. Temperature