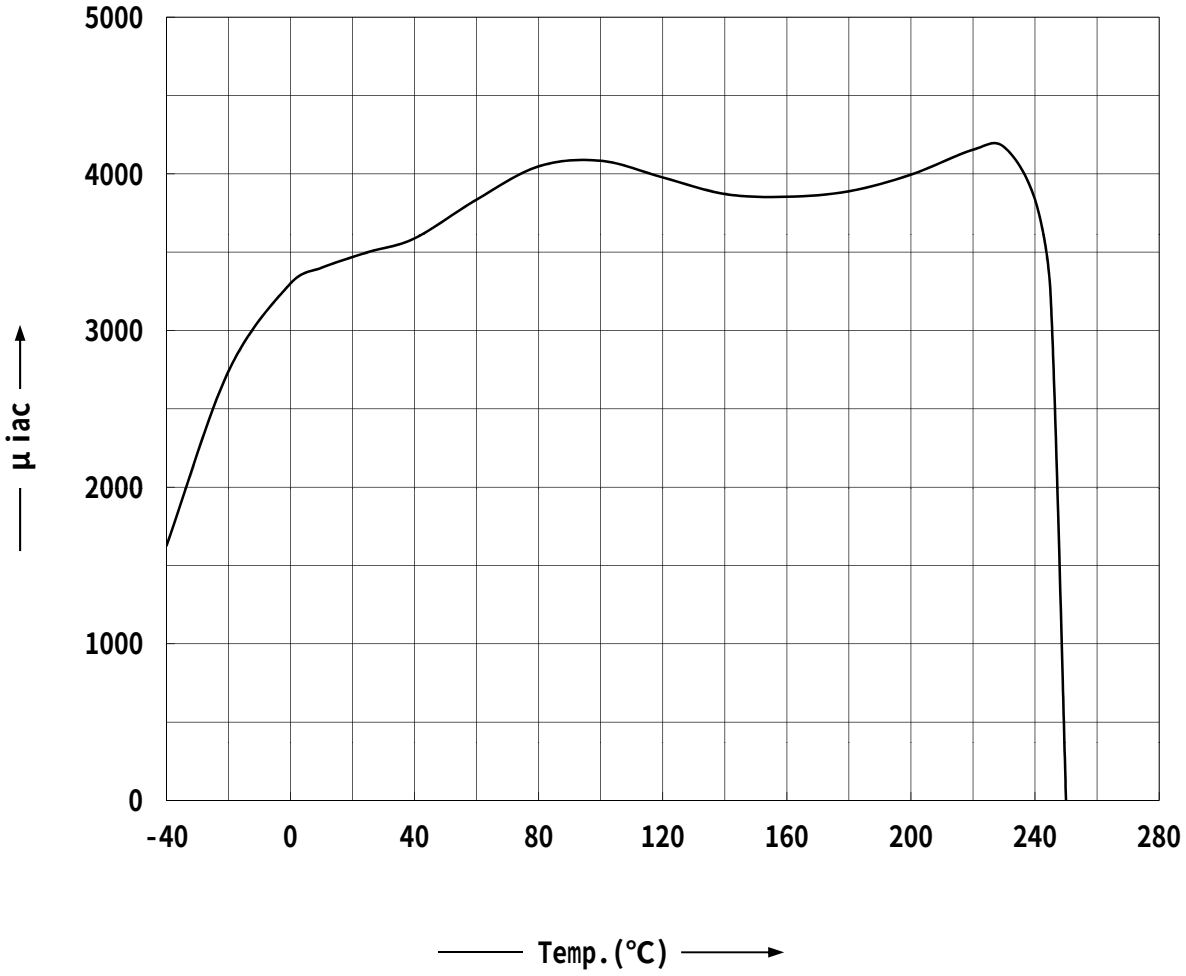
2N7

標 準 材 質 特 性
Standard Characteristics Of Material

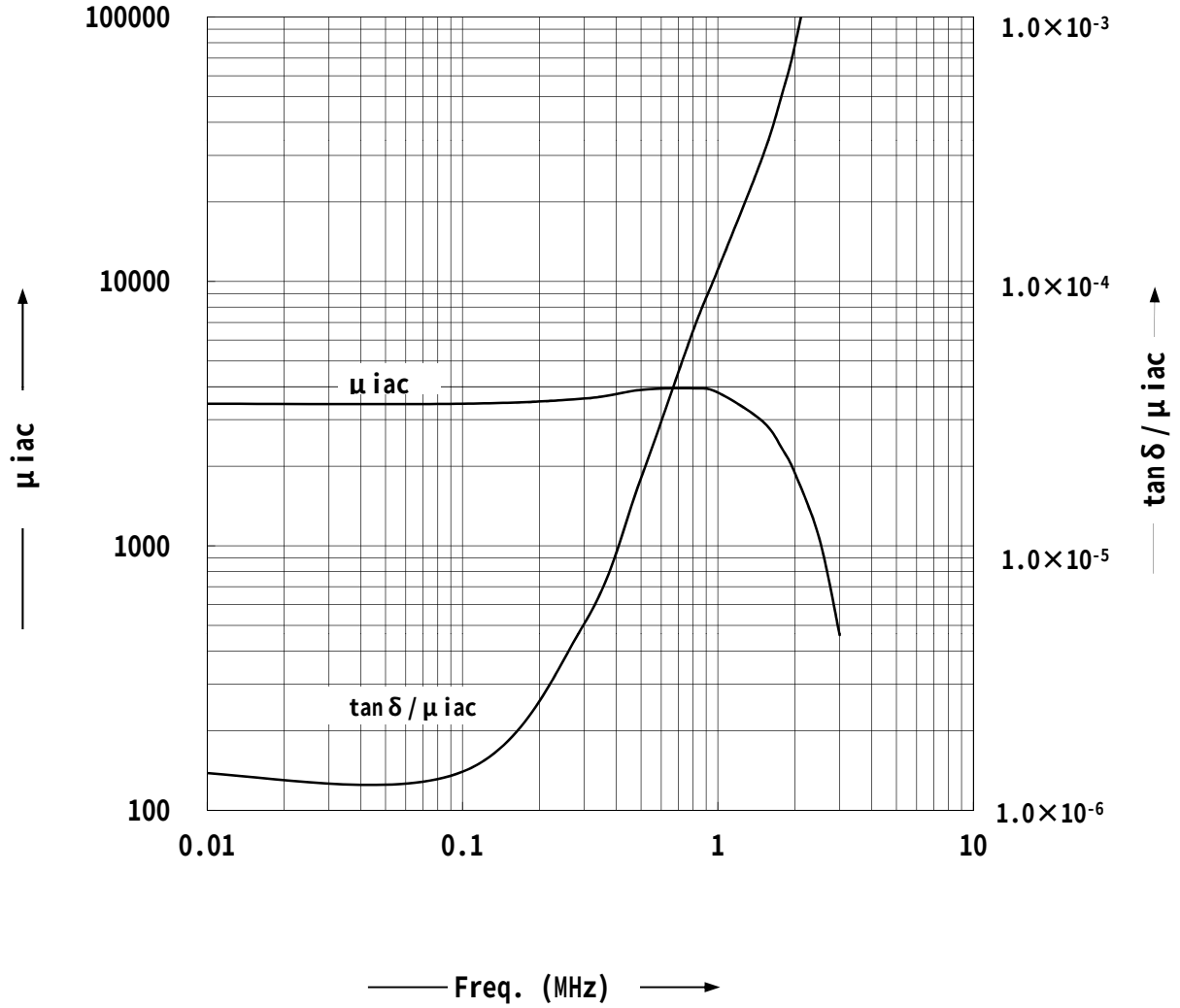
交流初透磁率 Initial permeability	μiac	3500±25%	—
相対損失係数 Relative loss factor	tanδ/μiac	0.14	$\times 10^{-5}$ (10 kHz)
透磁率の相対温度係数 Relative temperature	$\alpha\mu$r (20～60℃) (-20～20℃)	0.69 1.6	$\times 10^{-6}$/℃
キュリー温度 Curie temperature	Tc	250	℃
パワーロス Power Loss	P.L(100kHz200mT)	25℃ 320 60℃ 295 80℃ 280 100℃ 295	kW/m^3
実効飽和磁束密度 Saturation flux density	Bms 20 ℃ 100	530 410	H=1200(A/m) mT
残留磁束密度 Remanence flux density	Br 20 ℃ 100	85 50	mT
保磁力 Coercivity	Hc 20 ℃ 100	10 7	A/m
抵抗率 Electrical resistivity	ρv	18	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-C2560-2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-C2560-2:General Testing Methods for Cores Made of Ferromagnetic Oxides. They are standard values only, not guaranteed.

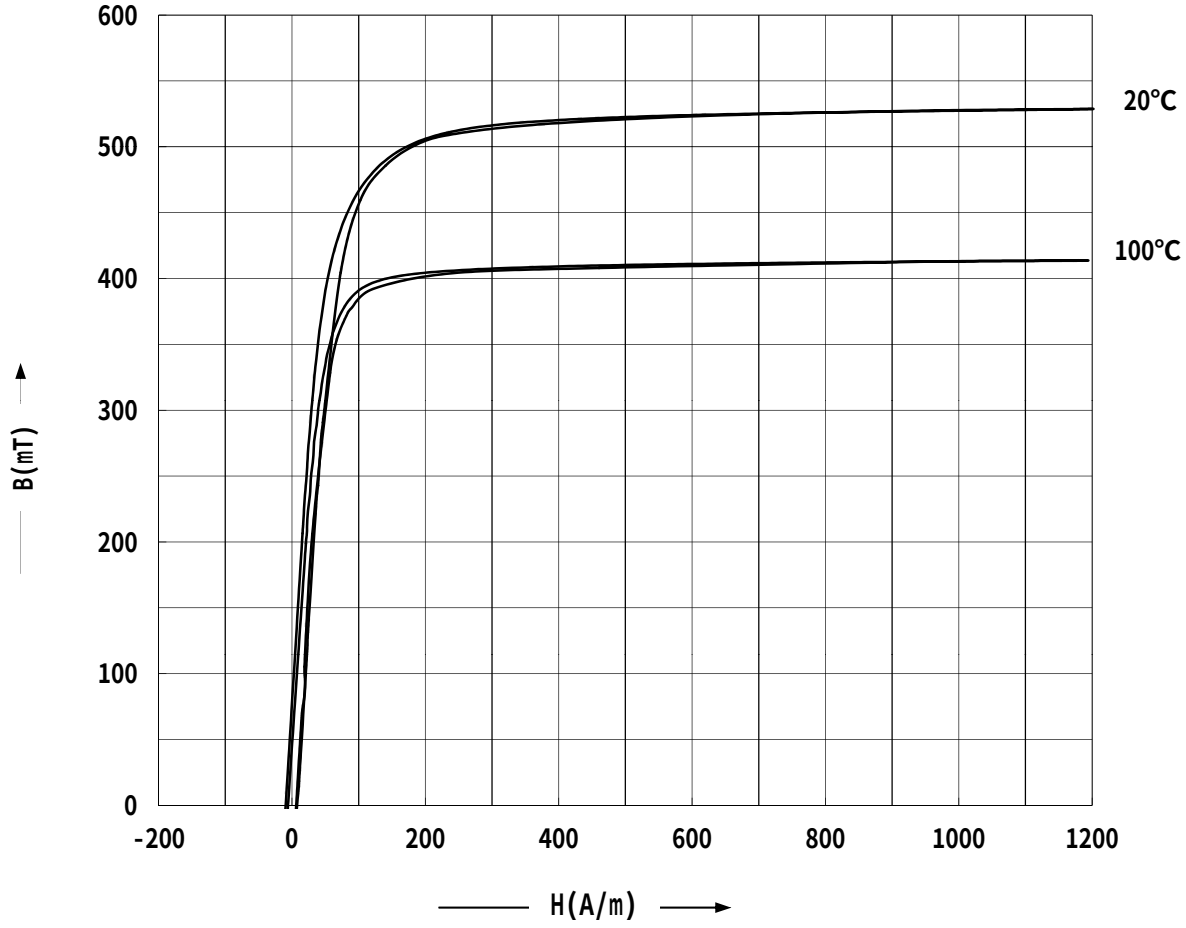
2N7 μiac vs. Temperature



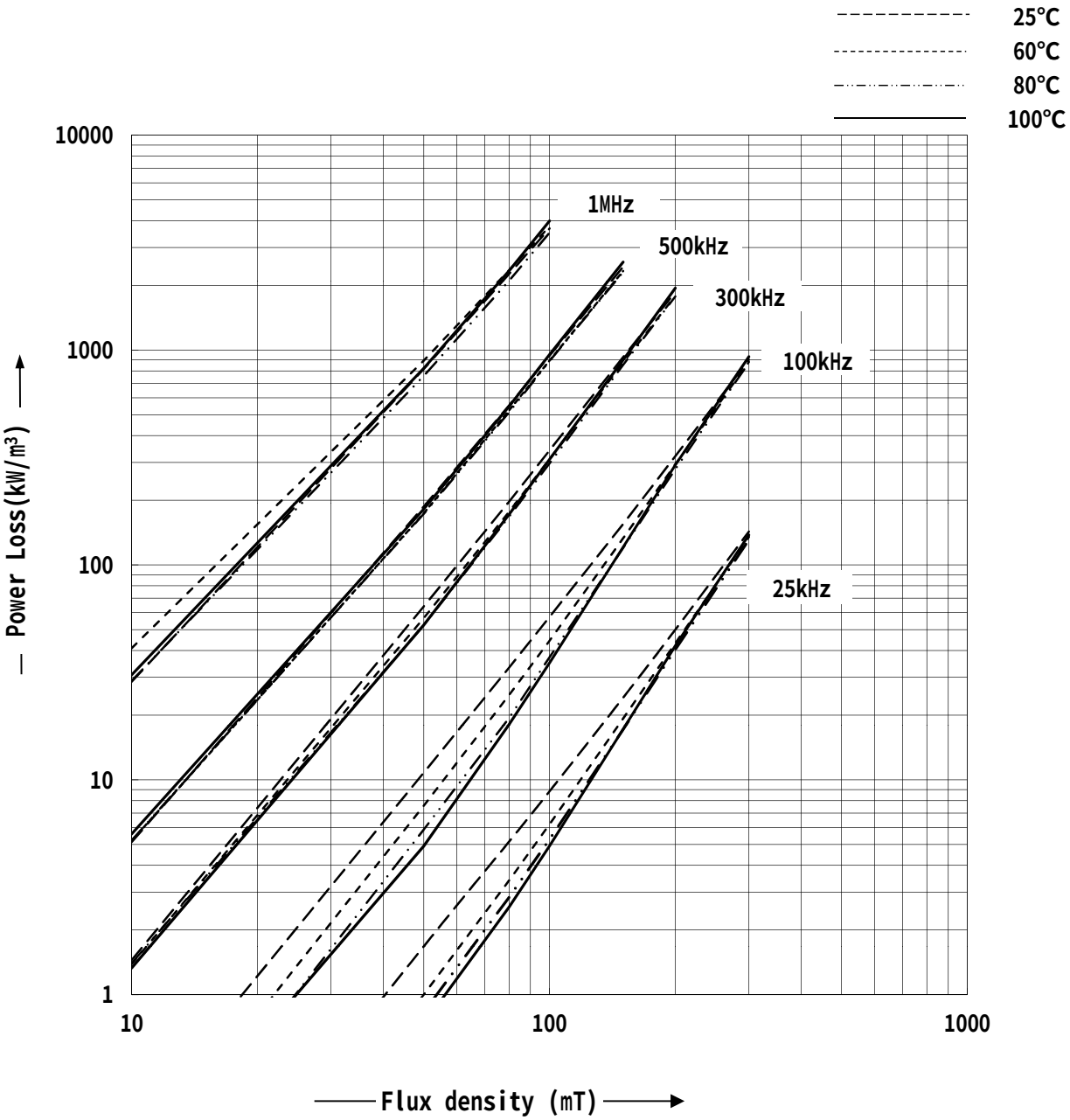
2N7 μiac and tanδ/μiac vs. Frequency



2N7 B-H Characteristics



2N7 Power Loss vs. Flux density



2N7 Power Loss vs. Temperature