4D4M

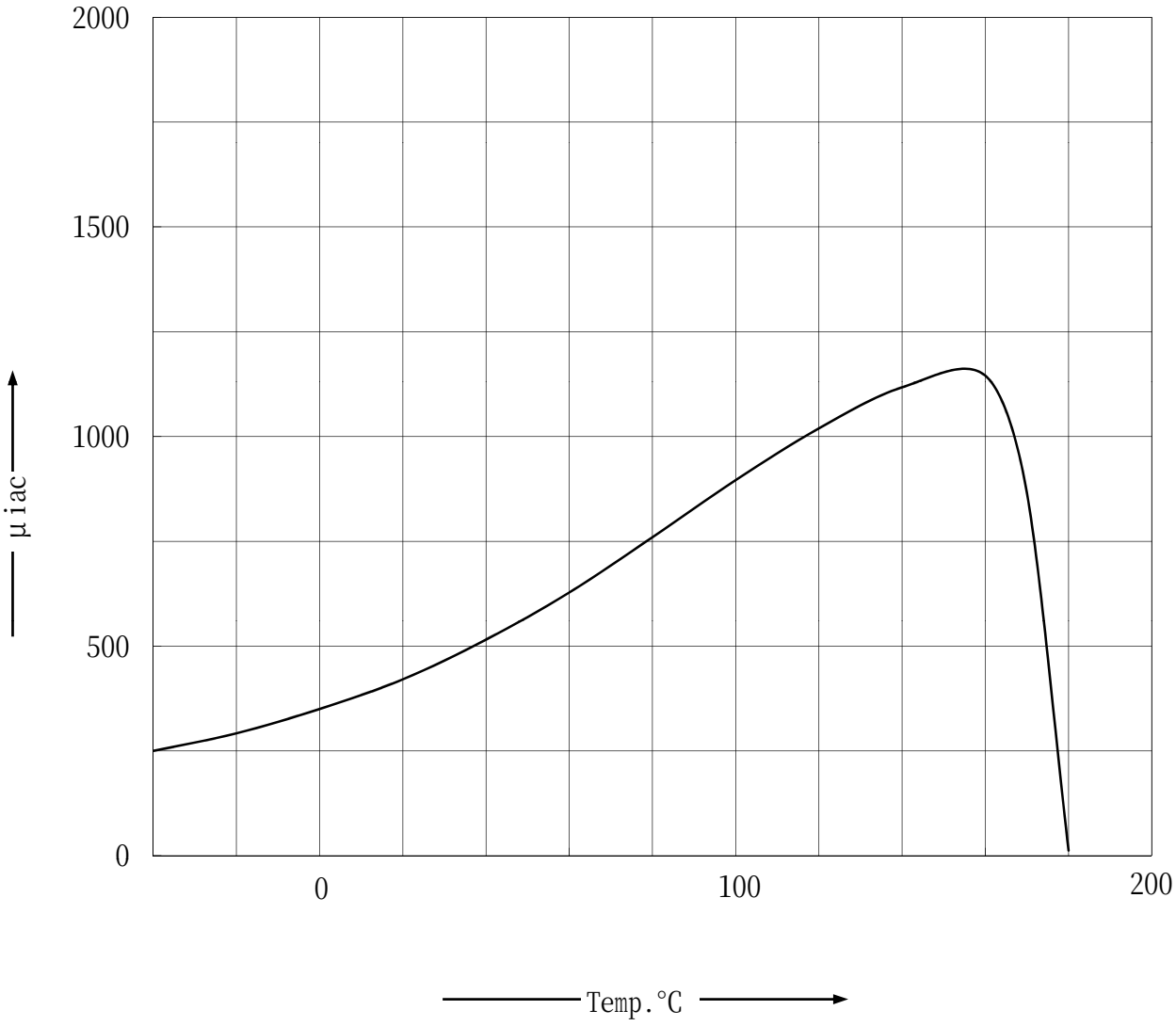
標 準 材 質 特 性

Standard Characteristics Of Material

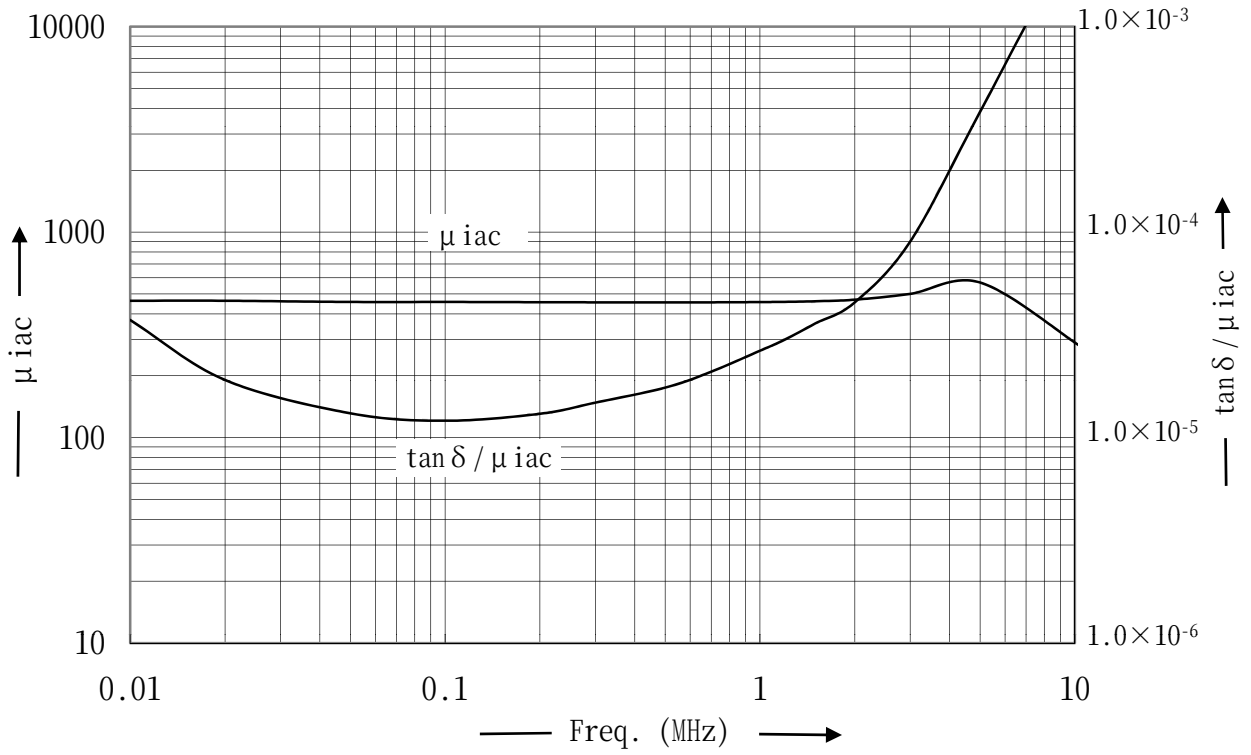
交流初透磁率 Initial permeability	μiac		450	―――
相対損失係数 Relative loss factor	tanδ/μiac		1.8	$\times 10^{-5}$ (0.5 MHz)
透磁率の相対温度係数 Relative temperature	αμr(20～60°C)		29	20～60°C $\times 10^{-6}$/°C
キュリー温度 Curie temperature	Tc		180	°C
実効飽和磁束密度 Saturation flux density	Bms	20°C	320	H=1200(A/m) mT
		100°C	210	
残留磁束密度 Remanence flux density	Br	20°C	188	mT
		100°C	70	
保磁力 Coercivity	Hc	20°C	24	A/m
		100°C	13	
抵抗率 Electrical resistivity	ρv		$>10^{6}$	Ω-m
見掛密度 Density	dapp		5.1	$\times 10^{3}$ (Kg/m^3)

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

4D4M μiac vs. Temperature



4D4M μiac and tanδ/μiac vs. Frequency



4D4M B-H Characteristics