

3N3

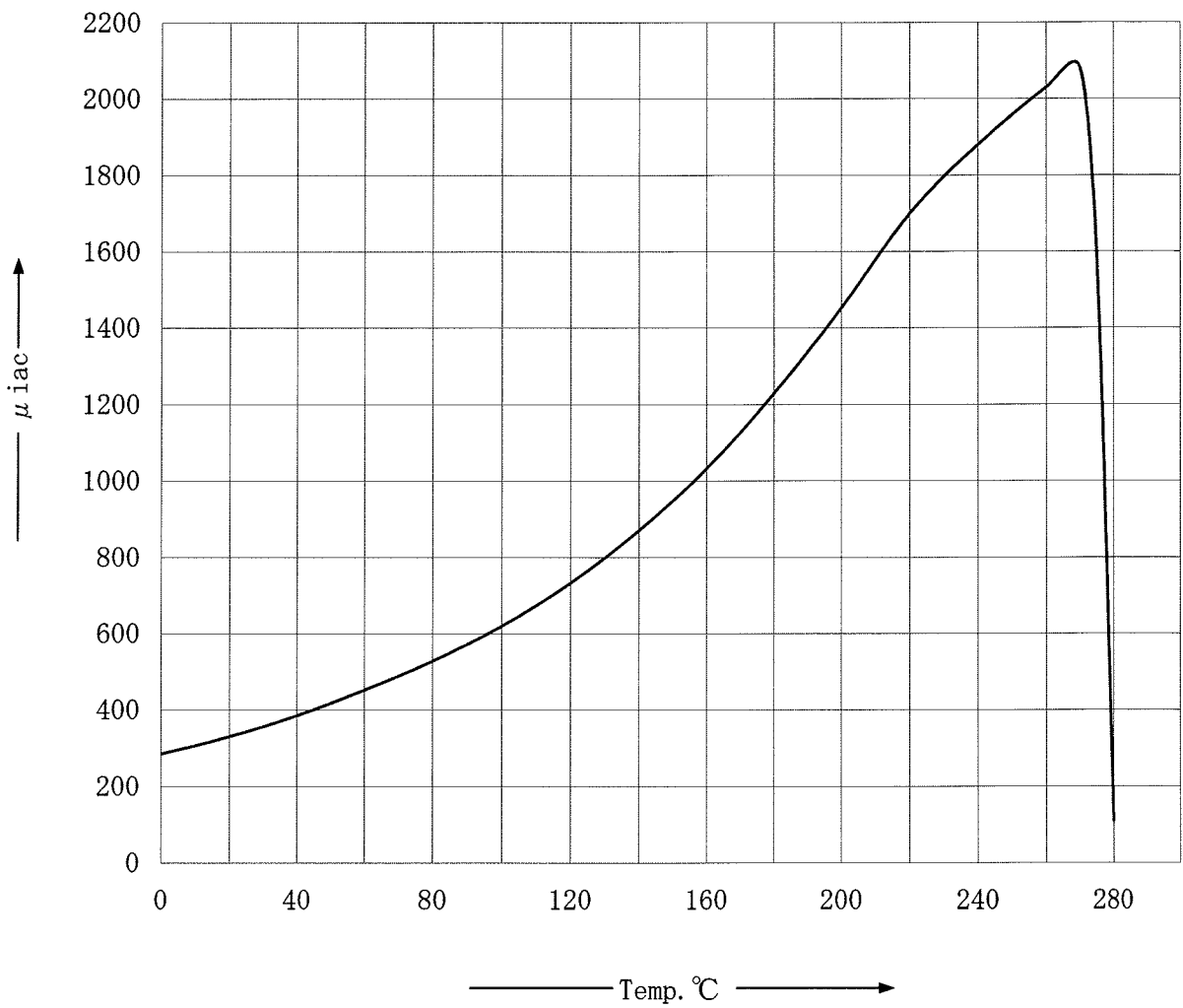
標準材質特性

Standard Characteristics Of Material

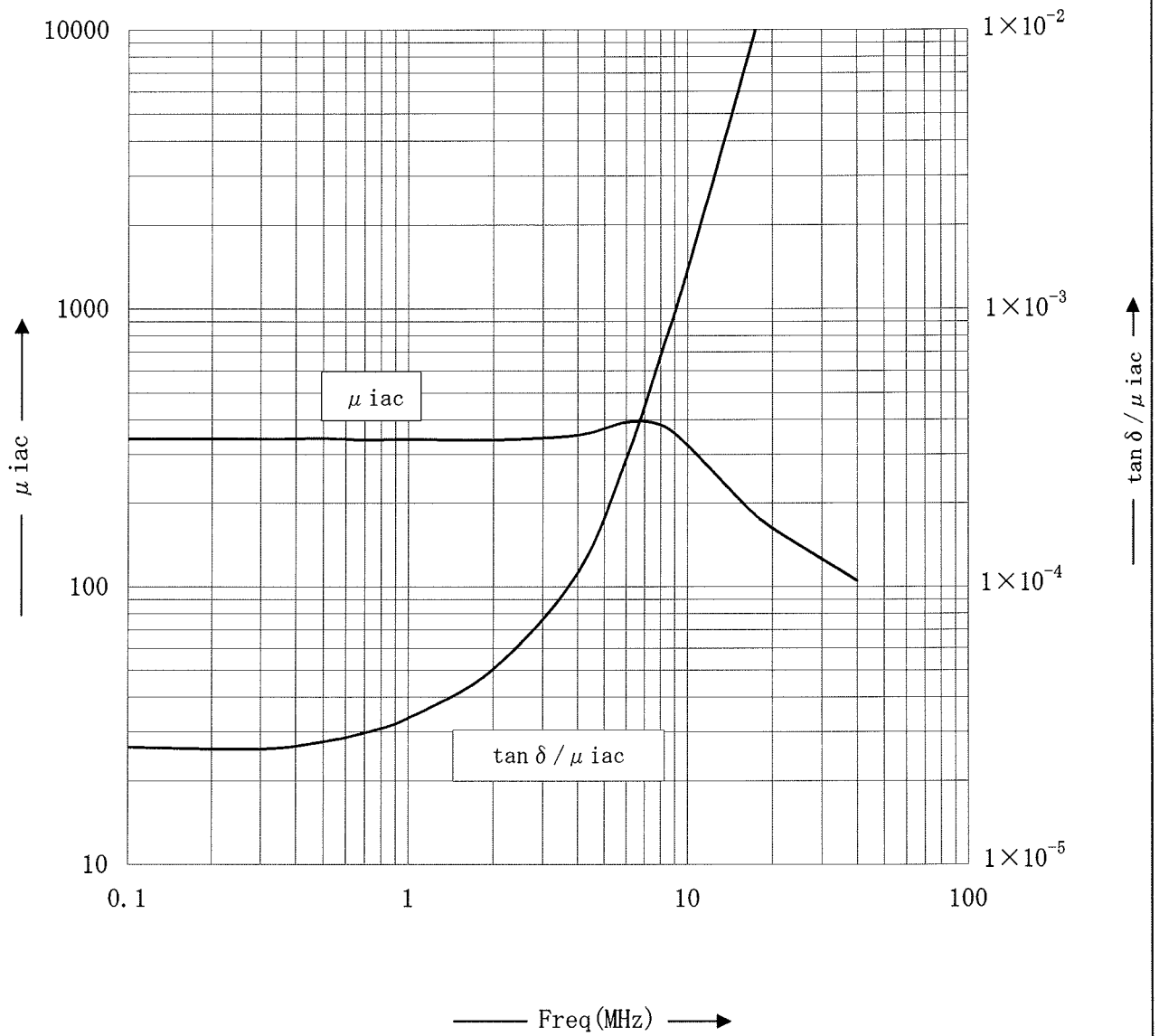
交流初透磁率 Initial permeability	μ_{iac}	340	—————
相對損失係數 Relative loss factor	$\tan \delta / \mu_{iac}$	26	$\times 10^{-6}$ (100 kHz)
透磁率の相對溫度係數 Relative temperature	$\alpha \mu_r (20 \sim 60^\circ\text{C})$	28	$\times 10^{-6}/^\circ\text{C}$
キュリー溫度 Curie temperature	T_c	270	$^\circ\text{C}$
実効飽和磁束密度 Saturation flux density	B_{ms}	20 $^\circ\text{C}$ 410 100 $^\circ\text{C}$ 340	H=1200 (A/m) mT
残留磁束密度 Remanence flux density	B_r	20 $^\circ\text{C}$ 330 100 $^\circ\text{C}$ 240	mT
保磁力 Coercivity	H_c	20 $^\circ\text{C}$ 40 100 $^\circ\text{C}$ 25	A/m
抵抗率 Electrical resistivity	ρ_v	$>10^6$	$\Omega\text{-m}$
見掛密度 Density	dapp	5.3	$\times 10^3$ (kg/m ³)

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

3N3 μ iac vs. Temperature



3N3 μ iac and $\tan \delta / \mu$ iac vs. Frequency



3N3 B-H Characteristics

