

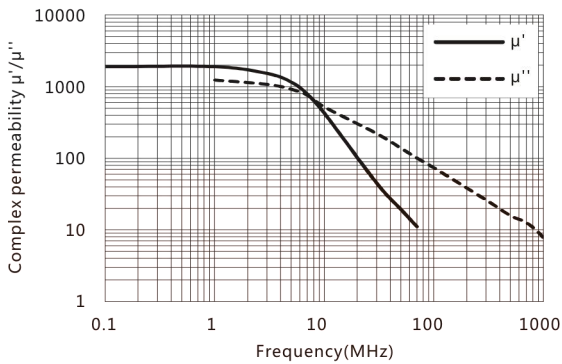
材料 Ma a TN200B

特点 F a

高饱和磁通密度 H B

高磁导率 H l a P ab

Complex permeability vs.Frequency



Initial permeability	μ_i	25°C	2000±20%
Saturation magnetic flux density	B_s (mT) 4000A/m	25°C	290
Relative loss factor 10kHz	$\tan\delta/\mu_i$ ($\times 10^{-6}$)	25°C	≤10
Relative temperature coefficient	$\alpha_{\mu r}$ ($\times 10^{-6}/^{\circ}\text{C}$)	20 ~ 60°C	2
Curie temperature	$T_c(^{\circ}\text{C})$		>100
Electrical resistivity	$\rho(\Omega\cdot\text{m})$		10^6
Density	$d(\text{kg}/\text{m}^3)$		5.2×10^3

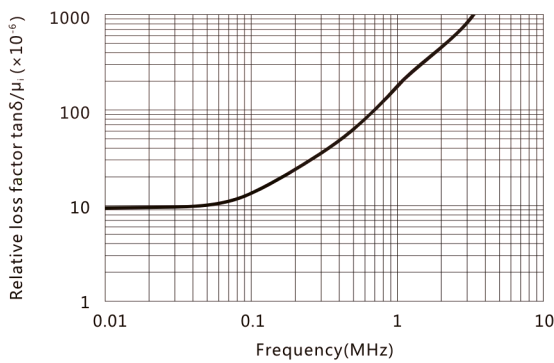
Test core : Toroid(mm)

OD : 12.7

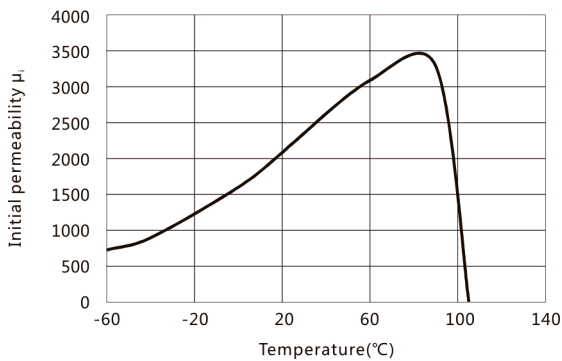
ID : 7.9

H : 6.5

Relative loss factor vs.Frequency



Initial permeability vs.Temperature



Flux density vs.Temperature

