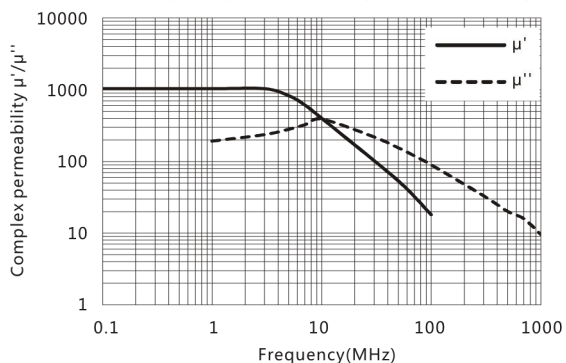


材料 Ma a TN100B

特点 F a

高饱和磁通密度 H B

Complex permeability vs.Frequency



Initial permeability	μ_i	25°C	1000±20%
Saturation magnetic flux density	B_s (mT)	25°C	320
Relative loss factor 50kHz	$\tan\delta/\mu_i$ ($\times 10^{-6}$)	25°C	≤10
Relative temperature coefficient	$\alpha_{\mu r}$ ($\times 10^{-6}/^{\circ}\text{C}$)	20 ~ 60°C	5
Curie temperature	$T_c(^{\circ}\text{C})$		>130
Electrical resistivity	$\rho(\Omega\cdot\text{m})$		10^6
Density	$d(\text{kg}/\text{m}^3)$		5.2×10^3

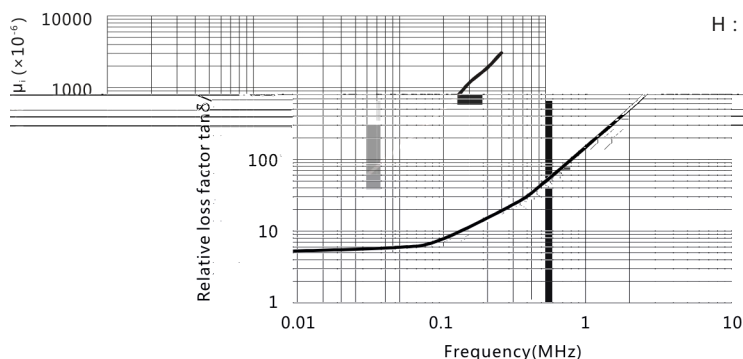
Test core : Toroid(mm)

OD : 12.7

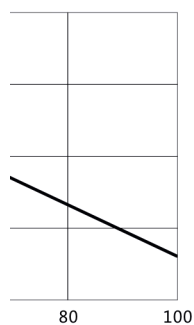
ID : 7.9

H : 6.5

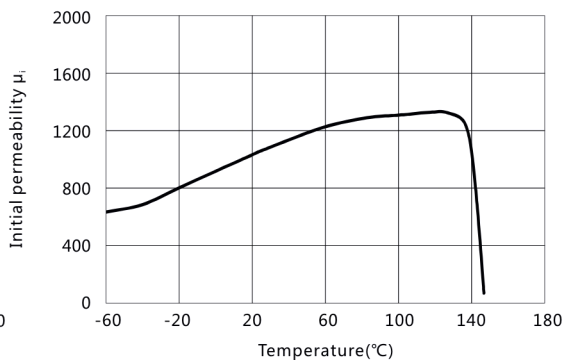
Relative loss factor vs.Frequency



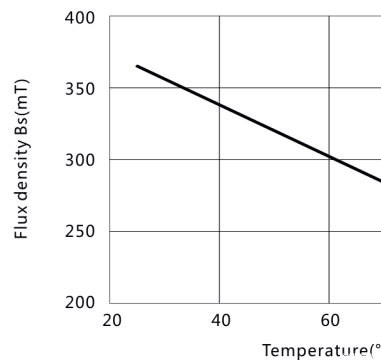
Temperature



Initial permeability vs.Temperature



Flux density vs.Tem



C)