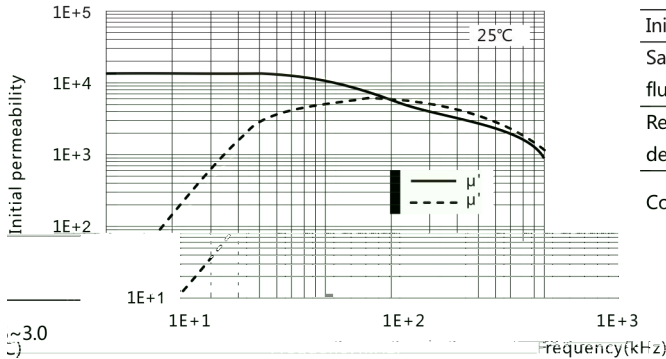


材料 Ma a TL13

特点 F a

高磁导率 约 H l a P ab Ab

μ' (μ'')-Frequency



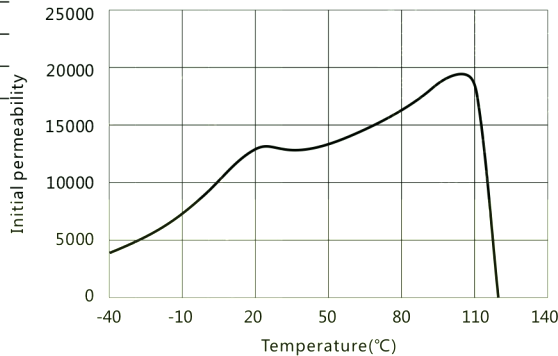
Initial permeability	μ_i	25°C	13000±30%
Saturation magnetic flux density	Bs(mT)	25°C	360
		100°C	210
Remanent flux density	Br(mT)	25°C	100
		100°C	70
Coercivity	Hc(A/m)	25°C	4.4
		100°C	3

Relative loss factor	$\tan\delta/\mu_i$	25°C	< 7
	($\times 10^{-6}$)	10kHz	

Relative temperature coefficient	α_{μ_i}	20°C~60°C	-0.5
			($\times 10^{-3}/^\circ\text{C}$)

1~10min	< 2.0
	≥ 115
	0.15
	4.95×10^3

μ_i -Temperature



Disaccommodation factor	D_F	($\times 10^{-6}$)
Curie temperature	$T_c(^{\circ}\text{C})$	
Electrical resistivity	$\rho(\Omega\cdot\text{m})$	
Density	$d(\text{kg}/\text{m}^3)$	

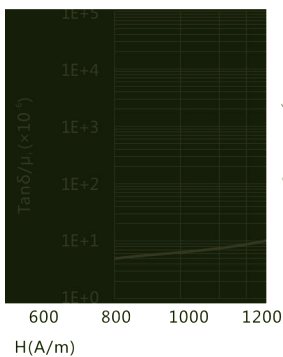
Test core : Toroid(mm)

OD : 18

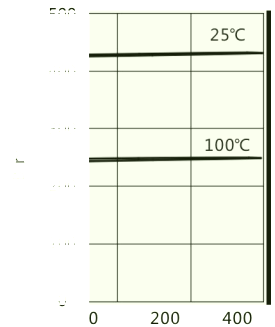
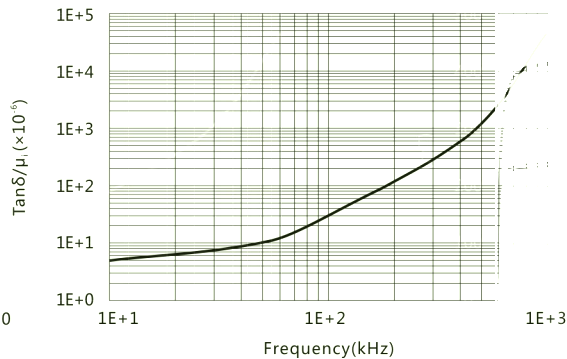
ID : 8

H : 5

B-H



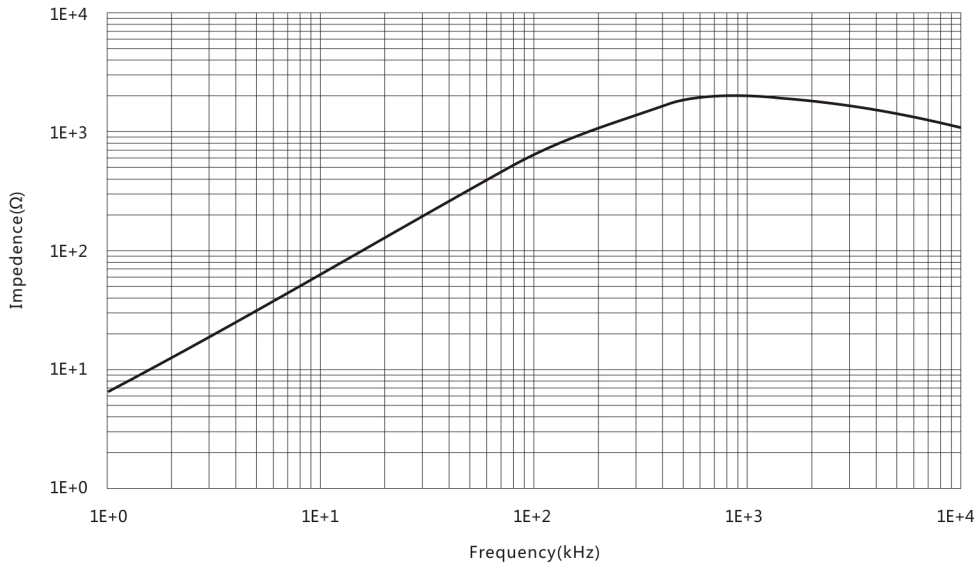
$\tan\delta/\mu_i$ -Frequency



材料 Ma a TL13

Z-Frequency

N=10TS、Φ 0.35mm、T=25°C



Bs-Temperature

H=1194A/m

