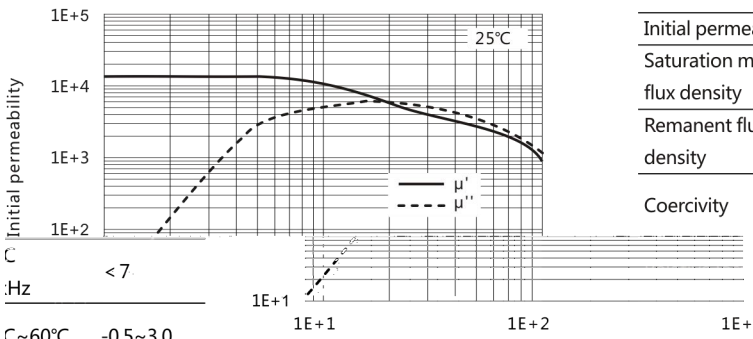
材料 Ma a **TL13**

特点 F a

高磁导率 约 H I a P ab Ab

μ'(μ")-Frequency



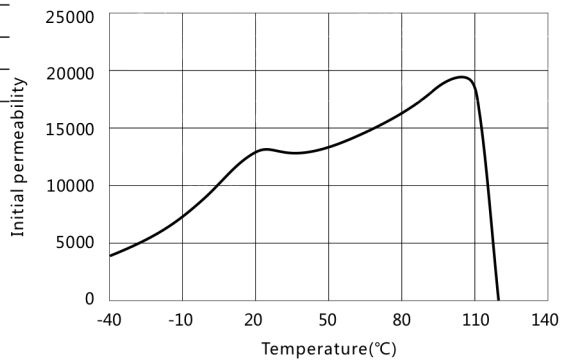
Initial permeability	μ_i	25℃	13000±30%
Saturation magnetic flux density	Bs(mT) 1194A/m	25℃	360
		100℃	210
Remanent flux density	Br(mT)	25℃	100
		100℃	70
Coercivity	Hc(A/m)	25℃	4.4
		100℃	3
Relative loss factor	$\tan\delta/\mu_i$ ($\times10^{-6}$)		25℃ 10k
Relative temperature	$\alpha_{\mu ir}$		20℃

C			< 7
Hz			
C~60℃	-0.5~3.0		
ient	(×10⁻⁶/℃)		
ommodation	D_F (×10-6)	1~10min	< 2.0
emperature	Tc(℃)		≥115
cal resistivity	ρ(Ω·m)		0.15
y	d(kg/m³)		4.95×10³

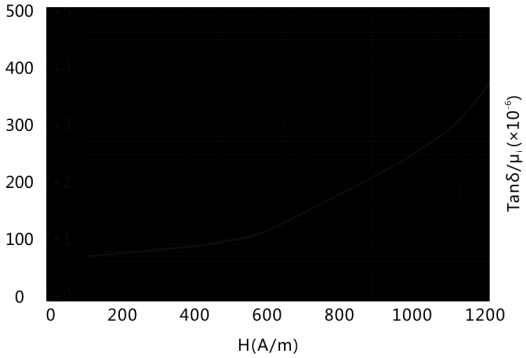
re : Toroid(mm)
OD : 18
ID : 8
H : 5

Disacc
factor
Curie t
Electri
Densit
Test co

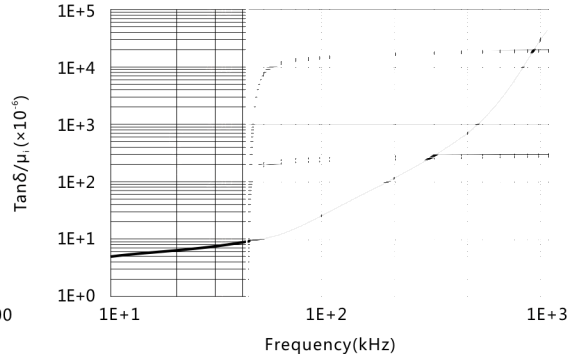
μ_i-Temperature



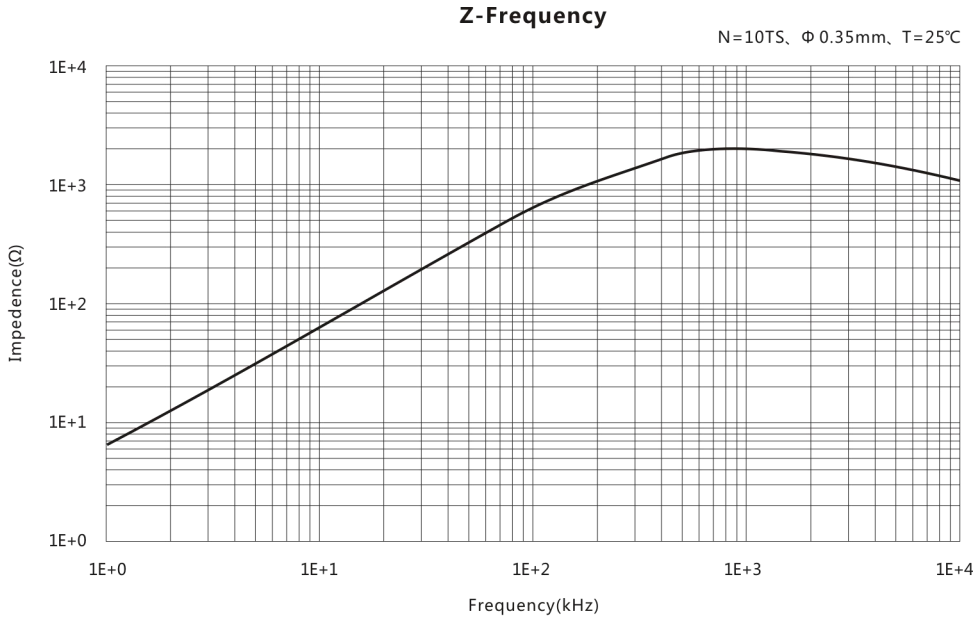
B-H

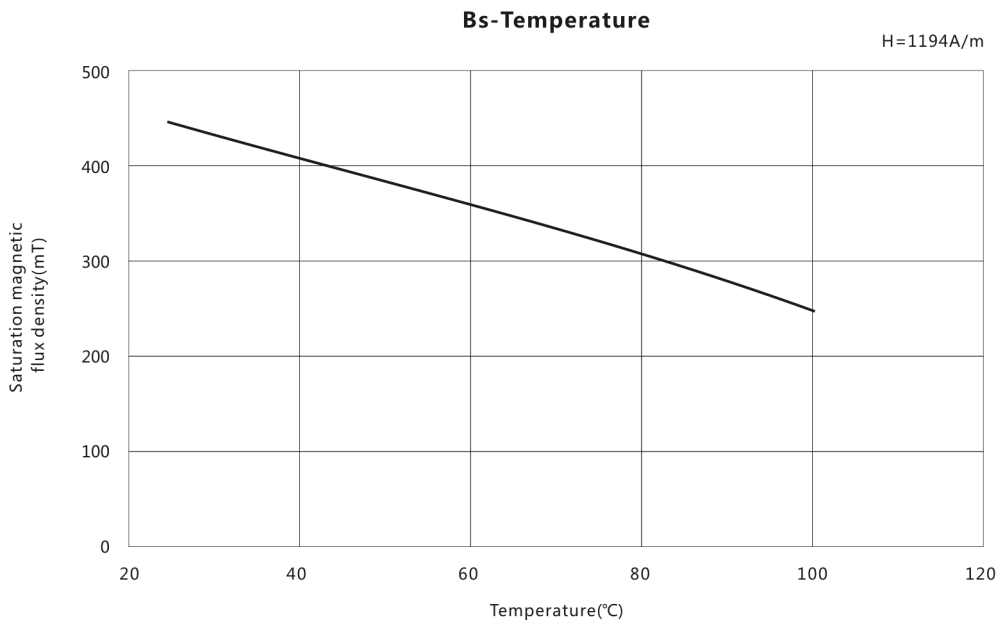


$\tan\delta/\mu_i$-Frequency



材料 Ma a **TL13**


Z-Frequency
N=10TS、Φ0.35mm、T=25℃
1E+4
1E+3
1E+2
1E+1
1E+0
Impedence(Ω)
1E+0
1E+1
1E+2
1E+3
1E+4
Frequency(kHz)


Bs-Temperature
H=1194A/m
500
400
300
200
100
0
Saturation magnetic flux density(mT)
20
40
60
80
100
120
Temperature(℃)