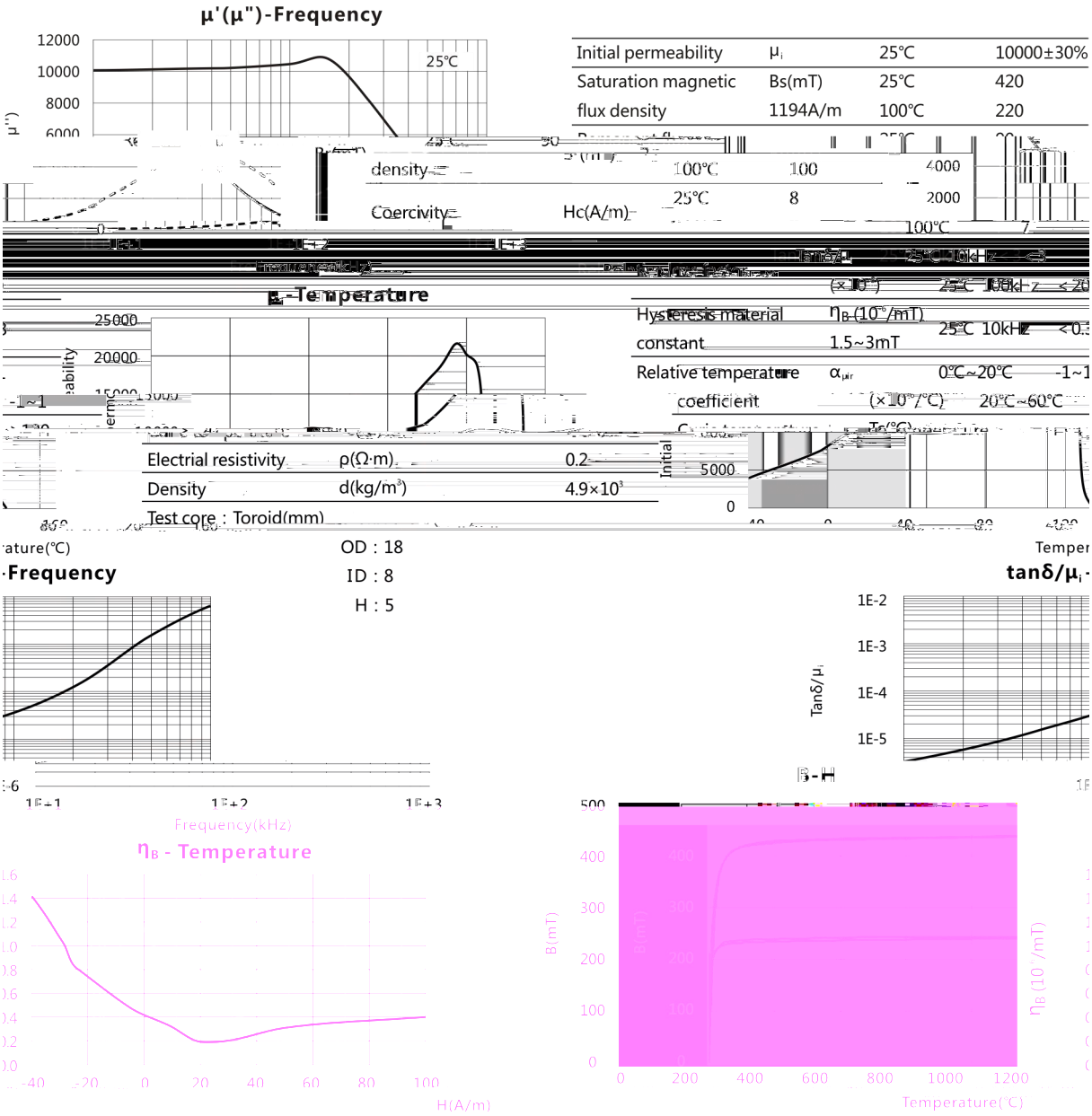
μ'(μ")-Frequency
12000
10000
8000
6000
25℃
Initial permeability μi 25℃ 10000±30%
Saturation magnetic Bs(mT) 25℃ 420
flux density 1194A/m 100℃ 220
density 100℃ 100
Coercivity Hc(A/m) 25℃ 8
4000
2000
100℃ 7
Tanδ/μi 25℃ 10kHz <3
μi-Temperature
25000
20000
Hysteresis material ηB (10⁻⁶/mT)
constant 1.5~3mT 25℃ 10kHz <0.3
Relative temperature αμir 0℃~20℃ -1~1
coefficient (×10⁻⁶/℃) 20℃~60℃
Electrial resistivity ρ(Ω·m) 0.2
Density d(kg/m³) 4.9×10³
Test core : Toroid(mm)
Initial
5000
0
OD : 18
ID : 8
H : 5
Frequency(kHz)
tanδ/μi
1E-2
1E-3
1E-4
1E-5
Tanδ/μi
ηB - Temperature
H(A/m)
B-H
500
400
300
200
100
0
B(mT)
0
200
400
600
800
1000
1200
Temperature(℃)
ηB (10⁻⁶/mT)