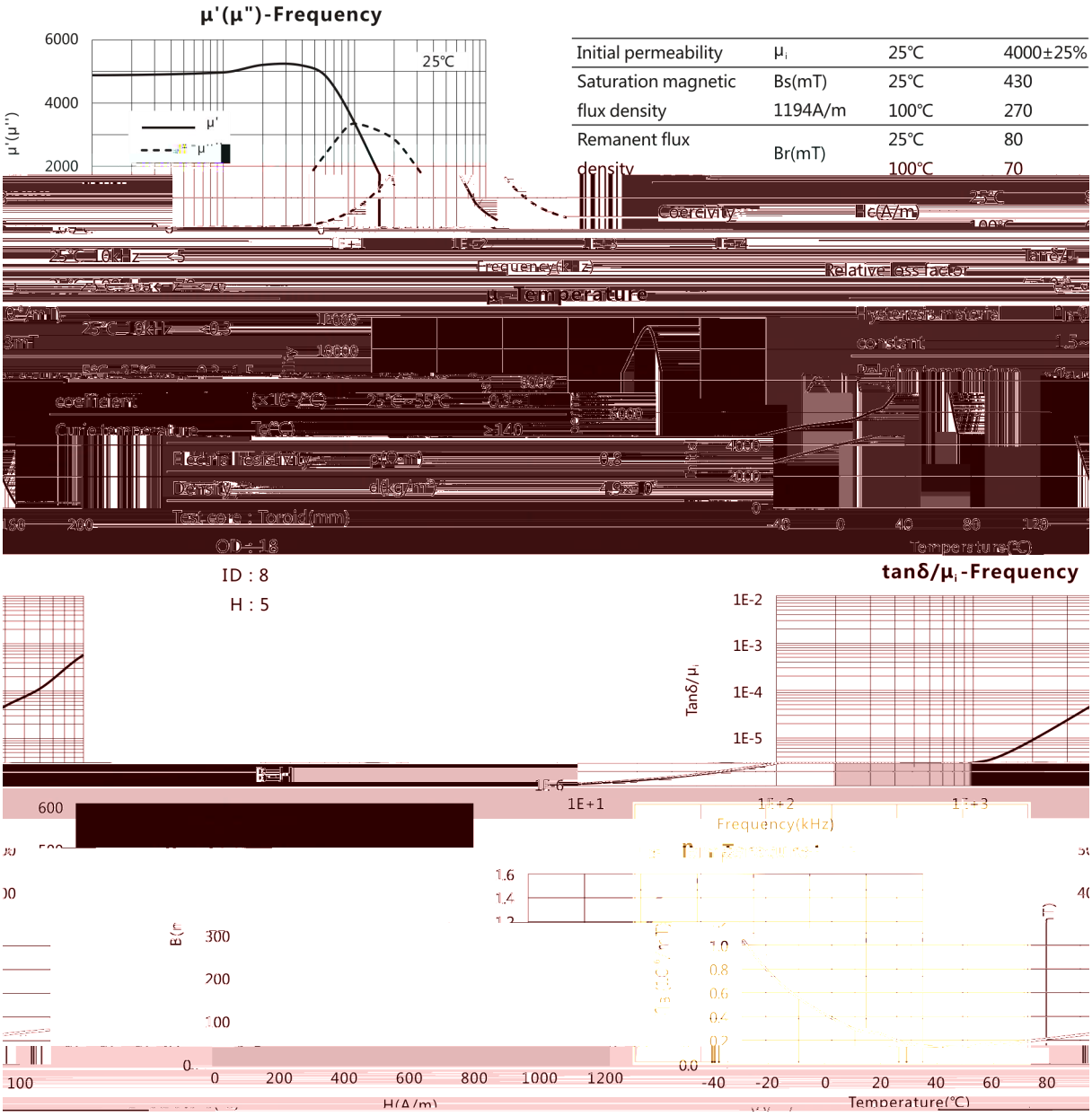
μ'(μ")-Frequency
6000
4000
2000
μ'(μ")
25℃
μ'
μ"
Initial permeability μi 25℃ 4000±25%
Saturation magnetic flux density Bs(mT) 1194A/m 25℃ 430 100℃ 270
Remanent flux density Br(mT) 25℃ 80 100℃ 70
Coercivity Hc(A/m)
Frequency(kHz)
Relative loss factor
μi-Temperature
Hysteresis material constant
Relative temperature
coefficient
Curie temperature
Electric resistivity
Density
Test core : Toroid(mm)
OD : 18
ID : 8
H : 5
tanδ/μi-Frequency
1E-2
1E-3
1E-4
1E-5
Tanδ/μi
1E+1
1E+2
1E+3
Frequency(kHz)
600
300
200
100
0
200
400
600
800
1000
1200
H(A/m)
1.6
1.4
1.0
0.8
0.6
0.4
0.2
-40
-20
0
20
40
60
80
Temperature(℃)