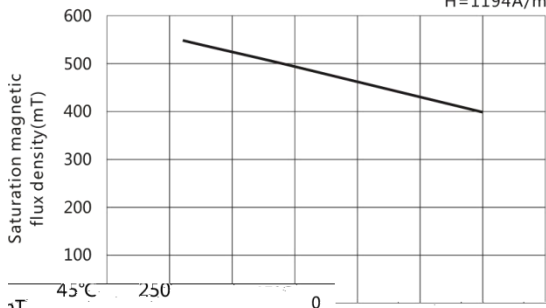


Bs-Temperature

H=1194A/m



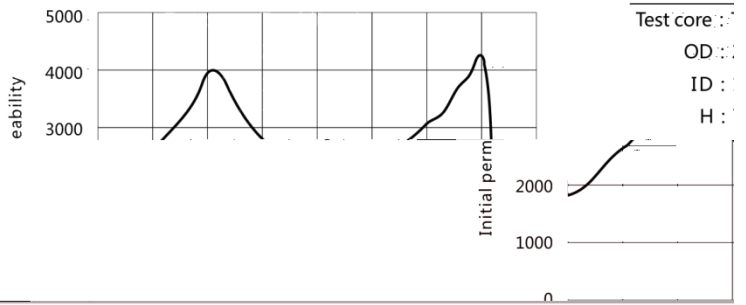
Initial permeability	μ_i	25°C	3200±25%
Saturation magnetic flux density	Bs(mT)	25°C	530
		100°C	420
Remanence	Br(mT)	25°C	130
		100°C	80
Coercivity	Hc(A/m)	25°C	11
		100°C	10
		25°C	350

1T 45°C 250 0 20 40 60 80 100 120 140
 100°C 660 0 20 40 60 80 100 120 140
 Pcv(kW/m³) Core loss 100kHz 200n

Temperature(°C) 220
 Curie temp
 Resistivity $\rho(\Omega\cdot m)$ 3
 Density $d(kg/m^3)$ 4.8×10^3
 Electrical re
 Density

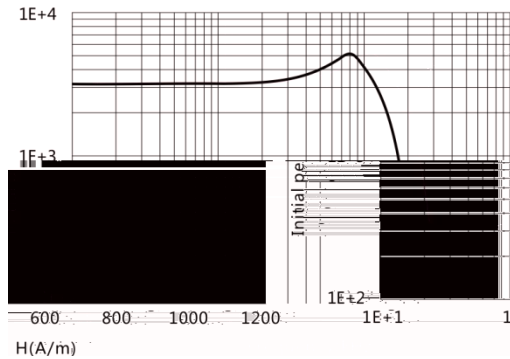
Toroid(mm) 25
 15
 7.5
 Test core :
 OD :
 ID :
 H :

μ_i -Temperature



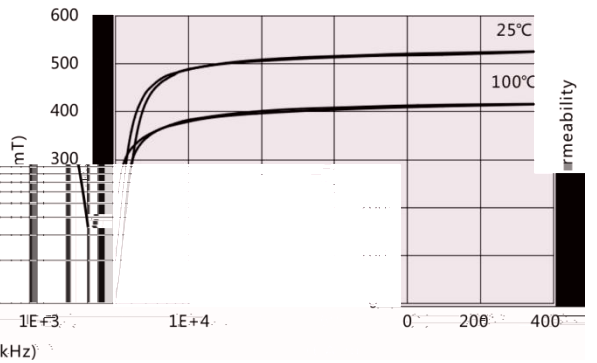
Temperature(°C) -40 0 40 80 120 160 200 240 280

μ_i -Frequency



H(A/m) 600 800 1000 1200
 Frequency(kHz) 1E+1 1E+2 1E+3 1E+4

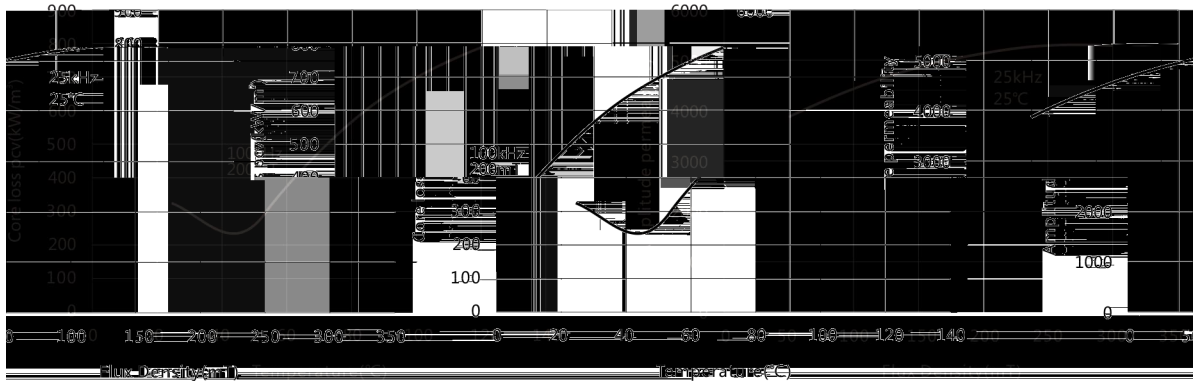
B-H



25°C 100°C
 Initial permeability

Pcv-Temperature

μ_a -Bm



Pcv-Bm

Pcv-Bm

