

**Bs-Temperature**

H=1194A/m



Initial permeability	$\mu_i$	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

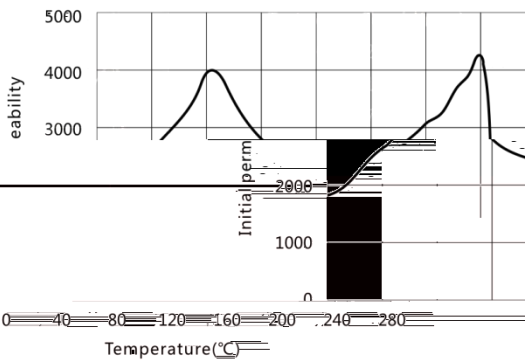
Core loss Pcv(kW/m³) 100kHz-200mT 45°C

660 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540 560 580 600 620 640 660 680 700 720 740 760 780 800 820 840 860 880 900 920 940 960 980 1000

$\rho(\Omega\cdot m)$	3
d(kg/m³)	$4.8 \times 10^3$

Curie temperature  
Electrical resistivity  
Density  
Test core : Toroid(mm)

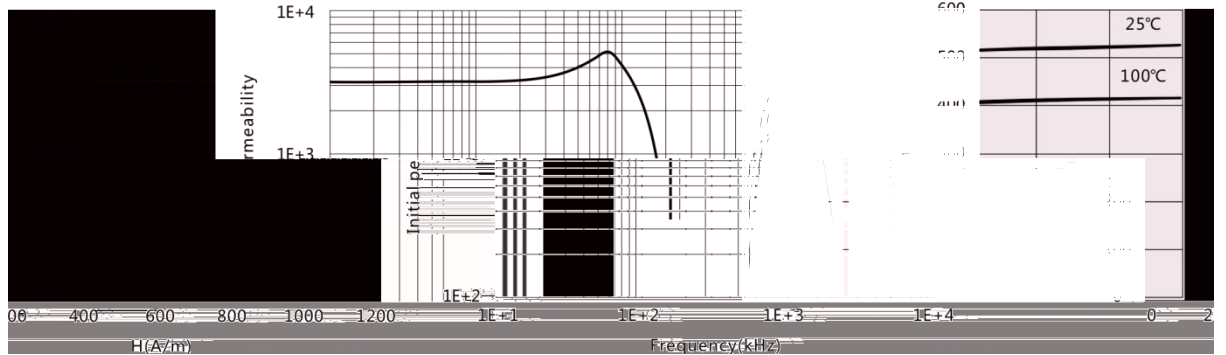
**$\mu_i$ -Temperature**



5000 4000 3000 2000 1000 0

-40 0 40 80 120 160 200 240 280 320 360 400 440 480 520 560 600 640 680 720 760 800 840 880 920 960 1000

**$\mu_i$ -Frequency** **B-I**



1E+4 1E+3 1E+2 1E+1 1E+0 1E-1 1E-2 1E-3 1E-4

00 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600 6800 7000 7200 7400 7600 7800 8000 8200 8400 8600 8800 9000 9200 9400 9600 9800 10000

