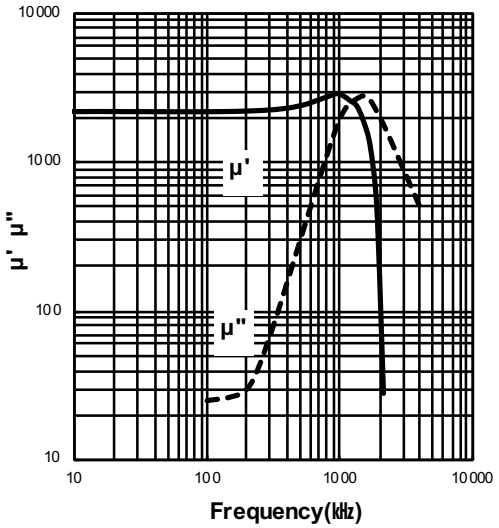
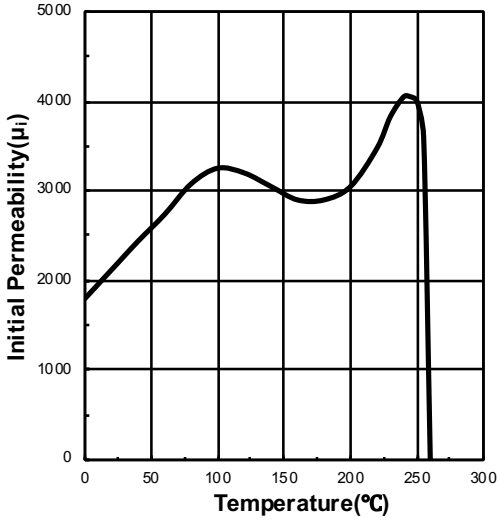
◈ Material Property

Symbol	Unit	Condition	Value
μ_i	-	25℃, ≤10kHz, ≤ 1mT	2200±25%
B_s	mT	H=1200(A/m), 25℃, f=10kHz	480
		H=1200(A/m), 100℃, f=10kHz	390
H_c	A/m	25℃, f=10kHz	12
		100℃, f=10kHz	10
B_{rms}	mT	H=1200(A/m), 25℃, f=10kHz	200
T_c	℃	-	>230
f_c	MHz	25℃	1.5
P_L	mW/cm³	100kHz / 200mT, 25℃	780
		100kHz / 200mT, 100℃	500
ρ	Ω·m	-	6
d	kg/m³	-	4800

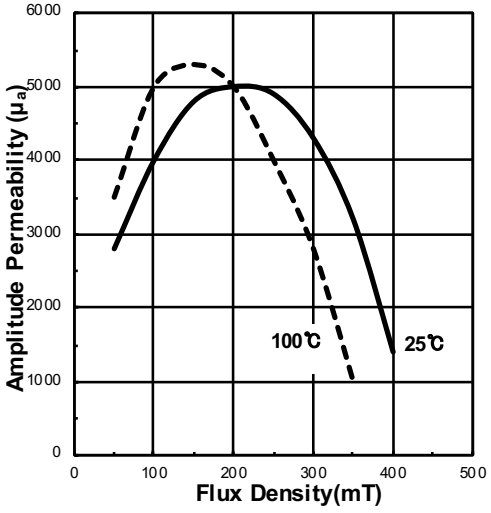
PERMEABILITY (μ_i) vs. FREQUENCY



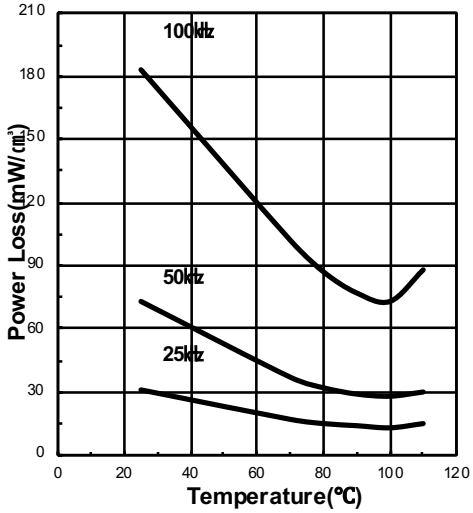
PERMEABILITY (μ_i) vs. TEMPERATURE

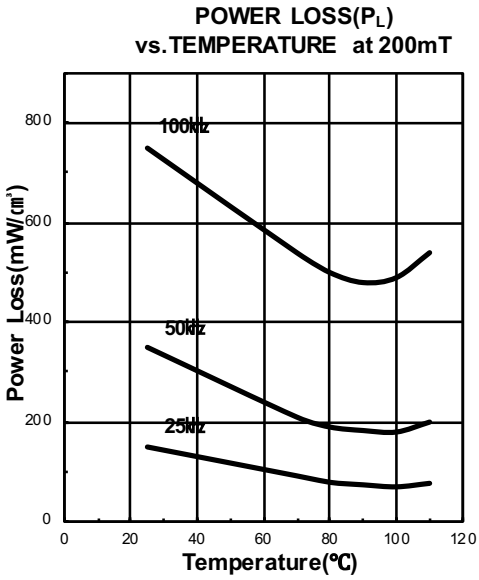


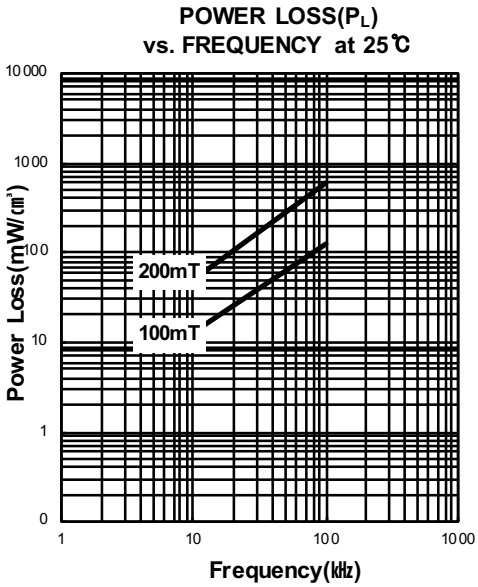
PERMEABILITY (μ_a) vs. FLUX DENSITY(B)

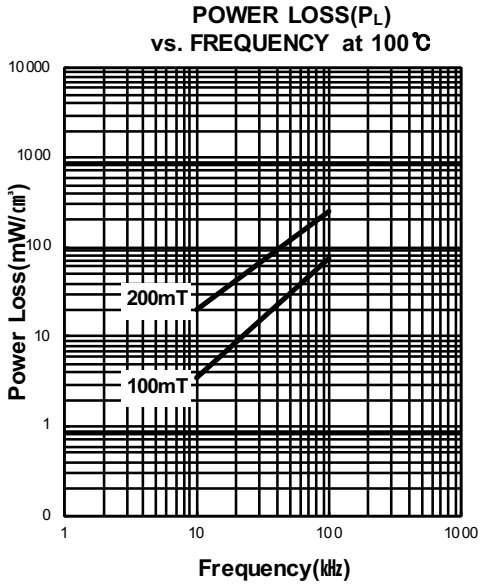


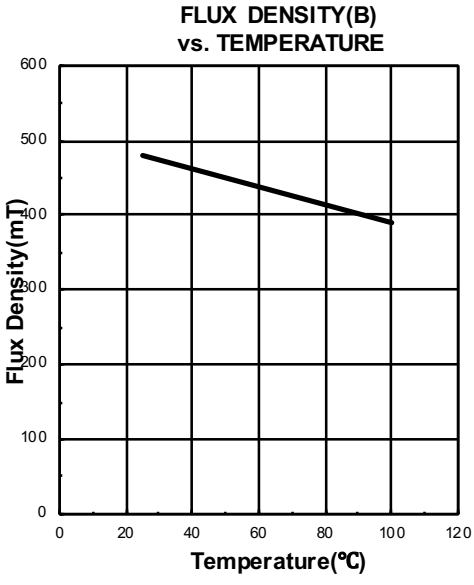
POWER LOSS(P_L) vs. TEMPERATURE at 100mT




POWER LOSS(P_L)
vs.TEMPERATURE at 200mT
Power Loss(mW/㎤)
Temperature(℃)
100㎑
50㎑
25㎑
0
200
400
600
800
0
20
40
60
80
100
120


POWER LOSS(P_L)
vs. FREQUENCY at 25℃
Power Loss(mW/㎤)
Frequency(㎑)
200mT
100mT
0
1
10
100
1000
10000
1
10
100
1000


POWER LOSS(P_L)
vs. FREQUENCY at 100℃
Power Loss(mW/㎤)
Frequency(㎑)
200mT
100mT
0
1
10
100
1000
10000
1
10
100
1000


FLUX DENSITY(B)
vs. TEMPERATURE
Flux Density(mT)
Temperature(℃)
0
100
200
300
400
500
600
0
20
40
60
80
100
120