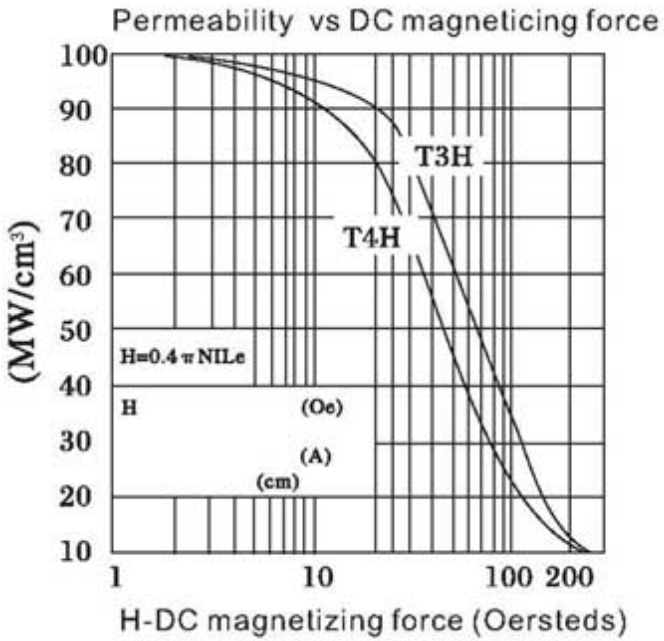
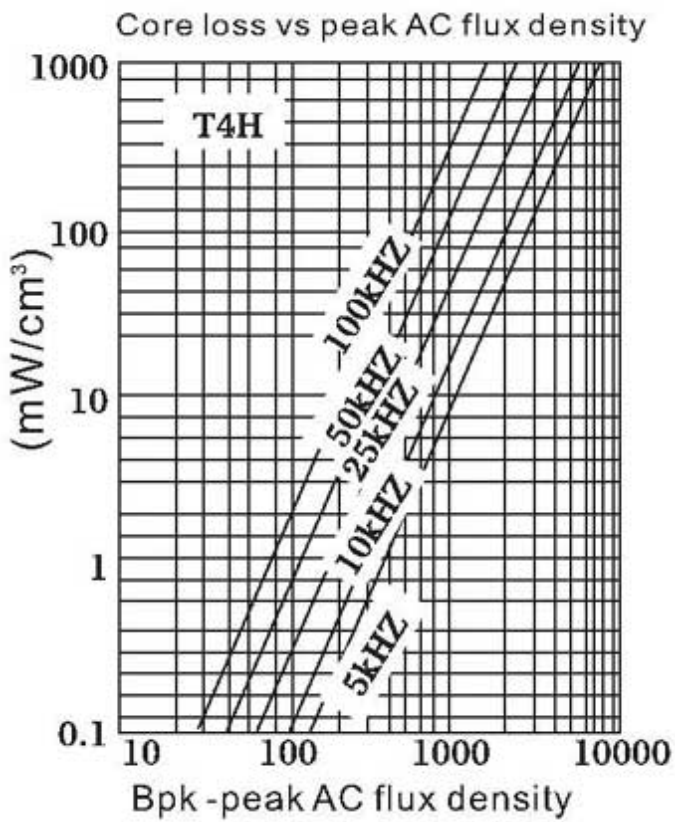
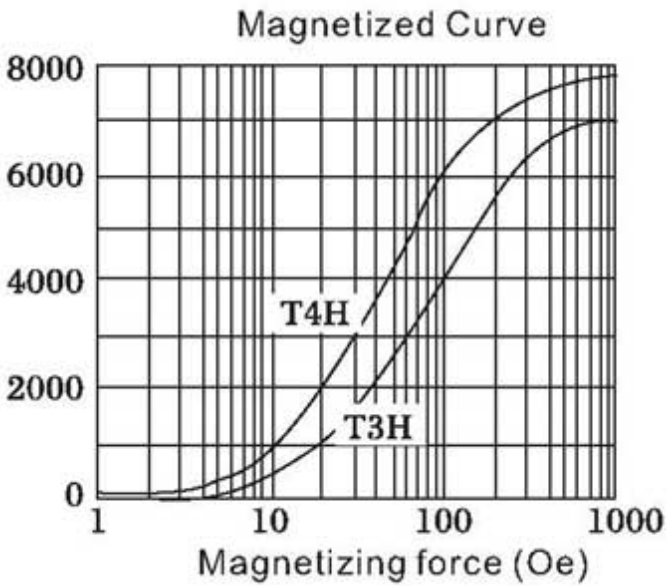
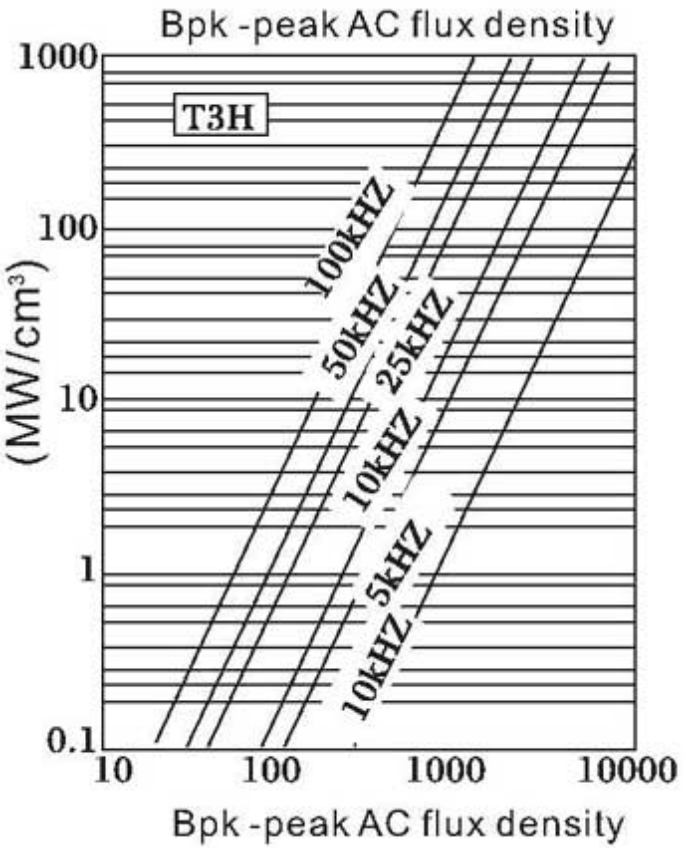
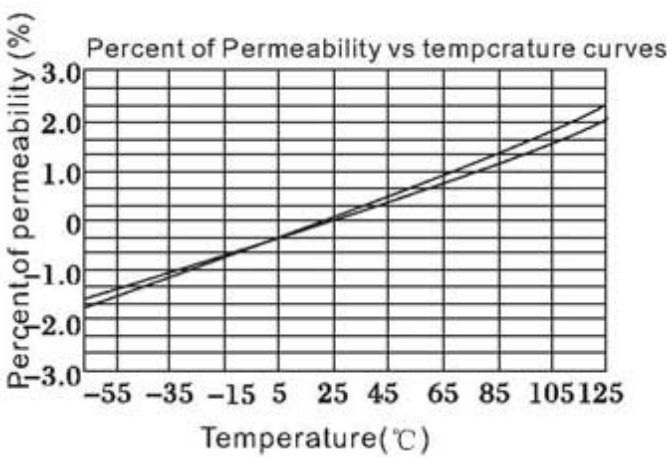
Characteristic Curve of the Metallic Powder Core

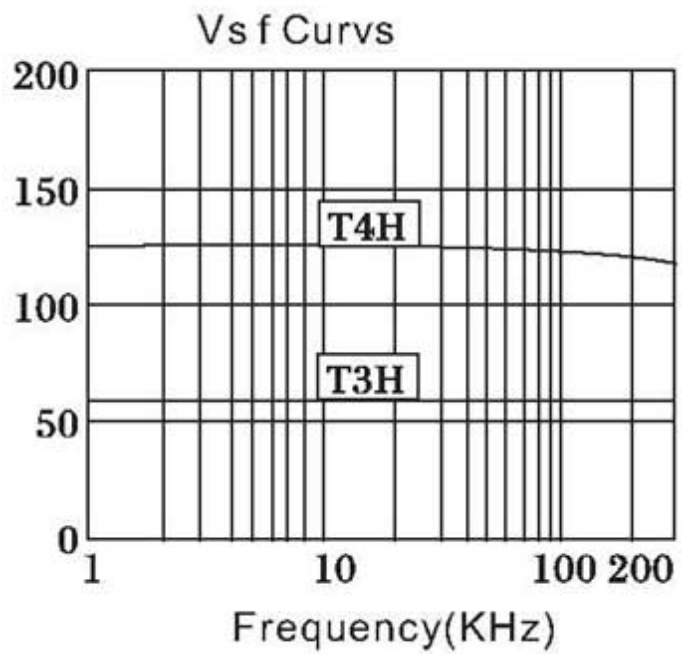





Magnetized Curve
8000
6000
4000
2000
0
1
10
100
1000
T4H
T3H
Magnetizing force (Oe)


Bpk -peak AC flux density
1000
100
10
1
0.1
(MW/cm³)
T3H
100kHZ
50kHZ
25kHZ
10kHZ
5kHZ
10kHZ
10
100
1000
10000
Bpk -peak AC flux density


Percent of Permeability vs tempcrature curves
Percent of permeability (%)
3.0
2.0
1.0
0
-1.0
-2.0
-3.0
-55 -35 -15 5 25 45 65 85 105 125
Temperature(℃)


Vs f Curvs
200
150
100
50
0
T4H
T3H
1
10
100 200
Frequency(KHz)