

SPECIFICATION OF TOROIDAL CORES SERIES

APPLICATIONS

The T type ring cores are mainly used for coupling transformers , balancing coils , fixed coils and filter coils.
The RH type bead cores are mainly produced for the cable wire assemblers and MATV CATV makers.

* Internal and external computer data and power cables

ORDERING CODE

K5B T 3.5 x 3 x 1.5

(1) (2) (3) (4) (5)

- (1) MATERIAL
(2) PRODUCT CODE
(3) A DIM.
(4) B DIM.
(5) C DIM.

K5B RH 3.5 x 6 x 1.2

(1) (2) (3) (4) (5)

- (1) MATERIAL
(2) PRODUCT CODE
(3) A DIM.
(4) B DIM.
(5) C DIM.



SHAPE

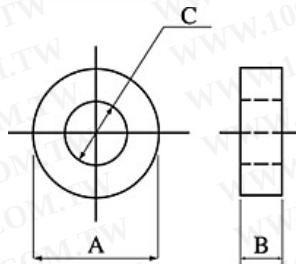


FIG 1

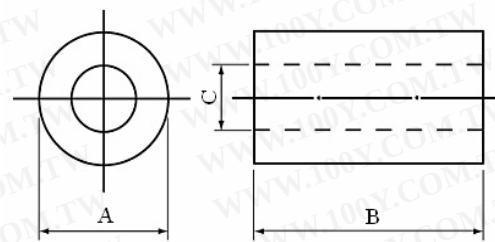


FIG 2

DIMENSIONS & CHARACTERISTICS

UNIT:m/m

NO.	ORDERING CODE	A	B	C	Fig
1	RH 2.5*4*0.8	2.50±0.15	4.00±0.30	0.80±0.15	2
2	RH 2.5*7*0.8	2.50±0.15	7.00±0.30	0.80±0.15	2
3	T 3*2*1	3.00±0.15	2.00±0.20	1.00±0.15	1
4	T 3*2*1.2	3.00±0.15	2.00±0.20	1.20±0.15	1
5	RH 3*3*1	3.00±0.15	3.00±0.20	1.00±0.15	2
6	RH 3*3*1.2	3.00±0.15	3.00±0.20	1.20±0.15	2
7	RH 3*4*1	3.00±0.15	4.00±0.30	1.00±0.15	2
8	RH 3*6*1	3.00±0.15	6.00±0.30	1.00±0.15	2
9	T 3.5*1.25*1.8	3.50±0.15	1.25±0.20	1.80±0.15	1
10	T 3.5*1.54*1.5	3.50±0.15	1.54±0.20	1.50±0.15	1
11	T 3.5*2.5*0.8	3.50±0.15	2.50±0.20	0.80±0.15	1
12	T 3.5*3*0.8	3.50±0.15	3.00±0.20	0.80±0.15	1
13	T 3.5*3*1.0	3.50±0.15	3.00±0.20	1.00±0.15	1
14	T 3.5*3*1.2	3.50±0.15	3.00±0.20	1.20±0.15	1
15	T 3.5*3*1.3	3.50±0.15	3.00±0.20	1.30±0.15	1
16	T 3.5*3*1.4	3.50±0.15	3.00±0.20	1.40±0.15	1
17	T 3.5*3*1.5	3.50±0.15	3.00±0.20	1.50±0.15	1
18	T 3.5*3*1.7	3.50±0.15	3.00±0.20	1.70±0.15	1
19	T 3.5*3*1.8	3.50±0.15	3.00±0.20	1.80±0.15	1
20	T 3.5*3.25*1.3	3.50±0.15	3.25±0.20	1.30±0.15	1
21	T 3.5*3.25*1.4	3.50±0.15	3.25±0.20	1.40±0.15	1
22	T 3.5*3.25*1.5	3.50±0.15	3.25±0.20	1.50±0.15	1
23	RH 3.5*3.5*0.8	3.50±0.15	3.50±0.20	0.80±0.15	2
24	RH 3.5*3.5*1.2	3.50±0.15	3.50±0.20	1.20±0.15	2
25	RH 3.5*3.5*1.8	3.50±0.15	3.50±0.20	1.80±0.15	2

※Other sizes are available upon request.

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

勝特力材料 886-3-5753170

勝特力电子(上海) 86-21-34970699

勝特力电子(深圳) 86-755-83298787

Http://www.100y.com.tw

SPECIFICATION OF TOROIDAL CORES SERIES

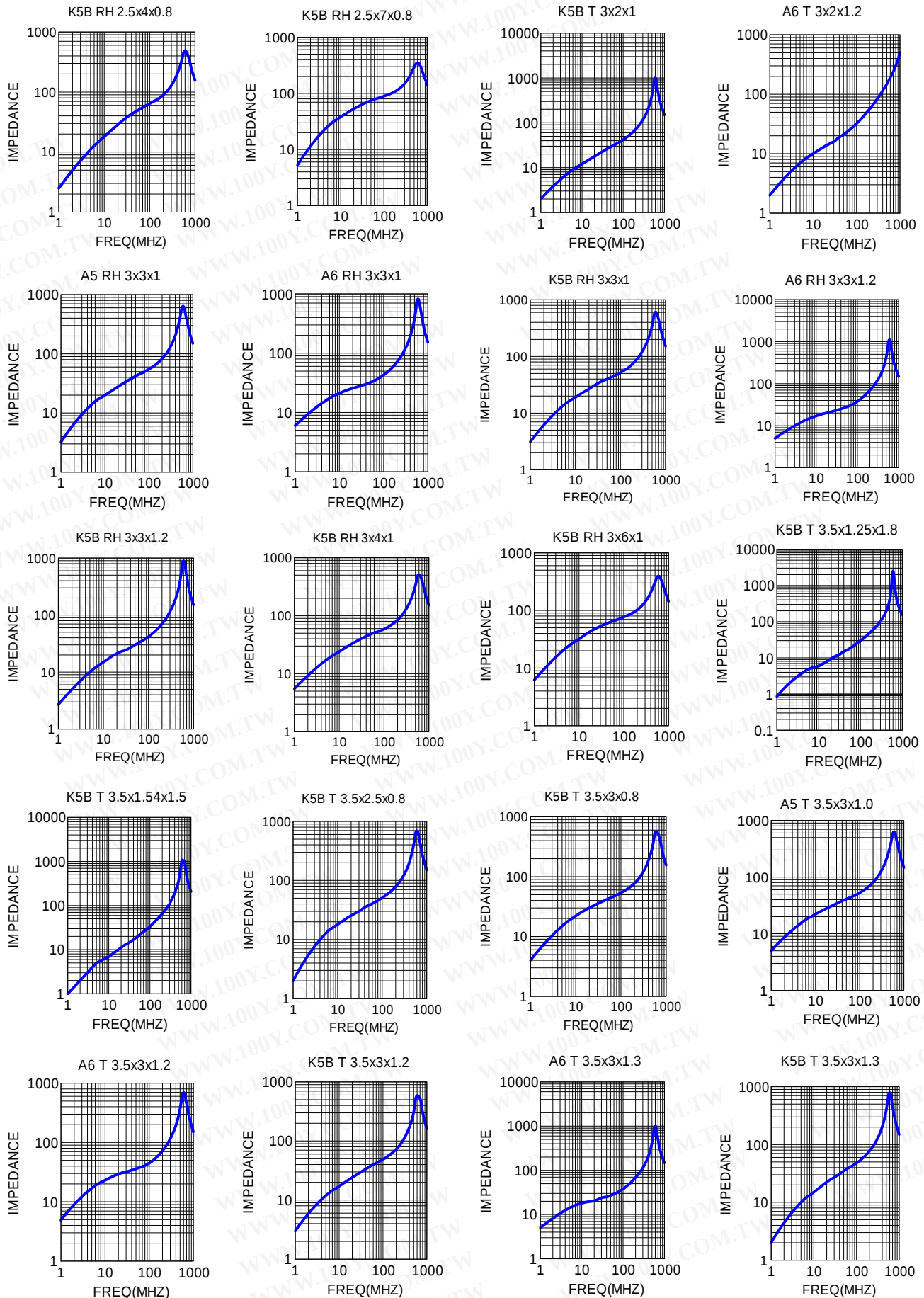
NO.	ORDERING CODE	A	B	C	Fig
26	RH 3.5*4*1	3.50±0.15	4.00±0.30	1.00±0.15	2
27	RH 3.5*4*1.2	3.50±0.15	4.00±0.30	1.20±0.15	2
28	RH 3.5*4*1.3	3.50±0.15	4.00±0.30	1.30±0.15	2
29	RH 3.5*4*1.5	3.50±0.15	4.00±0.30	1.50±0.15	2
30	RH 3.5*4.5*0.8	3.50±0.15	4.50±0.30	0.80±0.15	2
31	RH 3.5*4.7*0.8	3.50±0.15	4.70±0.30	0.80±0.15	2
32	RH 3.5*5*0.8	3.50±0.15	5.00±0.30	0.80±0.15	2
33	RH 3.5*5*1.2	3.50±0.15	5.00±0.30	1.20±0.15	2
34	RH 3.5*5*1.3	3.50±0.15	5.00±0.30	1.30±0.15	2
35	RH 3.5*5*1.5	3.50±0.15	5.00±0.30	1.50±0.15	2
36	RH 3.5*5*1.8	3.50±0.15	5.00±0.30	1.80±0.15	2
37	RH 3.5*6*0.8	3.50±0.15	6.00±0.30	0.80±0.15	2
38	RH 3.5*6*1	3.50±0.15	6.00±0.30	1.00±0.15	2
39	RH 3.5*6*1.2	3.50±0.15	6.00±0.30	1.20±0.15	2
40	RH 3.5*6*1.3	3.50±0.15	6.00±0.30	1.30±0.15	2
41	RH 3.5*6*1.5	3.50±0.15	6.00±0.30	1.50±0.15	2
42	RH 3.5*6*1.8	3.50±0.15	6.00±0.30	1.80±0.15	2
43	RH 3.5*7*1.2	3.50±0.15	7.00±0.30	1.20±0.15	2
44	RH 3.5*7.5*0.8	3.50±0.15	7.50±0.30	0.80±0.15	2
45	RH 3.5*8*0.8	3.50±0.15	8.00±0.30	0.80±0.15	2
46	RH 3.5*8*1	3.50±0.15	8.00±0.30	1.00±0.15	2
47	RH 3.5*9*0.8	3.50±0.15	9.00±0.30	0.80±0.15	2
48	RH 3.5*9*1.3	3.50±0.15	9.00±0.30	1.30±0.15	2
49	RH 3.5*9.5*0.8	3.50±0.15	9.50±0.30	0.80±0.15	2
50	RH 3.5*14*0.8	3.50±0.15	14.00±0.40	0.80±0.15	2
51	T 3.94*2.54*2.29	3.94±0.15	2.54±0.20	2.29±0.15	1
52	T 4*1.5*2	4.00±0.20	1.50±0.20	2.00±0.15	1
53	T 4*1.7*2.2	4.00±0.20	1.70±0.20	2.20±0.15	1
54	T 4*2*1.5	4.00±0.20	2.00±0.20	1.50±0.15	1
55	T 4*2*2	4.00±0.20	2.00±0.20	2.00±0.15	1
56	T 4*3*1.5	4.00±0.20	3.00±0.20	1.50±0.15	1
57	T 4*3*2	4.00±0.20	3.00±0.20	2.00±0.15	1
58	RH 4*4*1.5	4.00±0.20	4.00±0.30	1.50±0.15	2
59	RH 4*4*2	4.00±0.20	4.00±0.30	2.00±0.15	2
60	RH 4*5*1.5	4.00±0.20	5.00±0.30	1.50±0.15	2
61	RH 4*5*2	4.00±0.20	5.00±0.30	2.00±0.15	2
62	RH 4*6*2	4.00±0.20	6.00±0.30	2.00±0.15	2
63	RH 4*7*2	4.00±0.20	7.00±0.30	2.00±0.15	2
64	RH 4*8*2	4.00±0.20	8.00±0.30	2.00±0.15	2
65	RH 4*10*1.5	4.00±0.20	10.00±0.40	1.50±0.15	2
66	RH 4*10*2	4.00±0.20	10.00±0.40	2.00±0.15	2
67	RH 4*12*2	4.00±0.20	12.00±0.40	2.00±0.15	2
68	T 4.1*4*1.6	4.10±0.20	4.00±0.30	1.60±0.15	1
69	T 4.3*2.5*2.8	4.30±0.20	2.50±0.20	2.80±0.15	1
70	T 4.4*1.4*2.8	4.40±0.20	1.40±0.20	2.80±0.15	1
71	T 4.5*3.2*2.5	4.50±0.20	3.20±0.20	2.50±0.15	1
72	RH 4.5*4.8*2.5	4.50±0.20	4.80±0.30	2.50±0.15	2
73	RH 4.5*7*2.5	4.50±0.20	7.00±0.30	2.50±0.15	2
74	RH 4.5*12*2.6	4.50±0.20	12.00±0.40	2.60±0.15	2
75	RH 4.6*11*2	4.60±0.20	11.00±0.40	2.00±0.15	2
76	RH 4.83*6.35*2.29	4.83±0.20	6.35±0.30	2.29±0.15	2

※Other sizes are available upon request.

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

SPECIFICATION OF TOROIDAL CORES SERIES

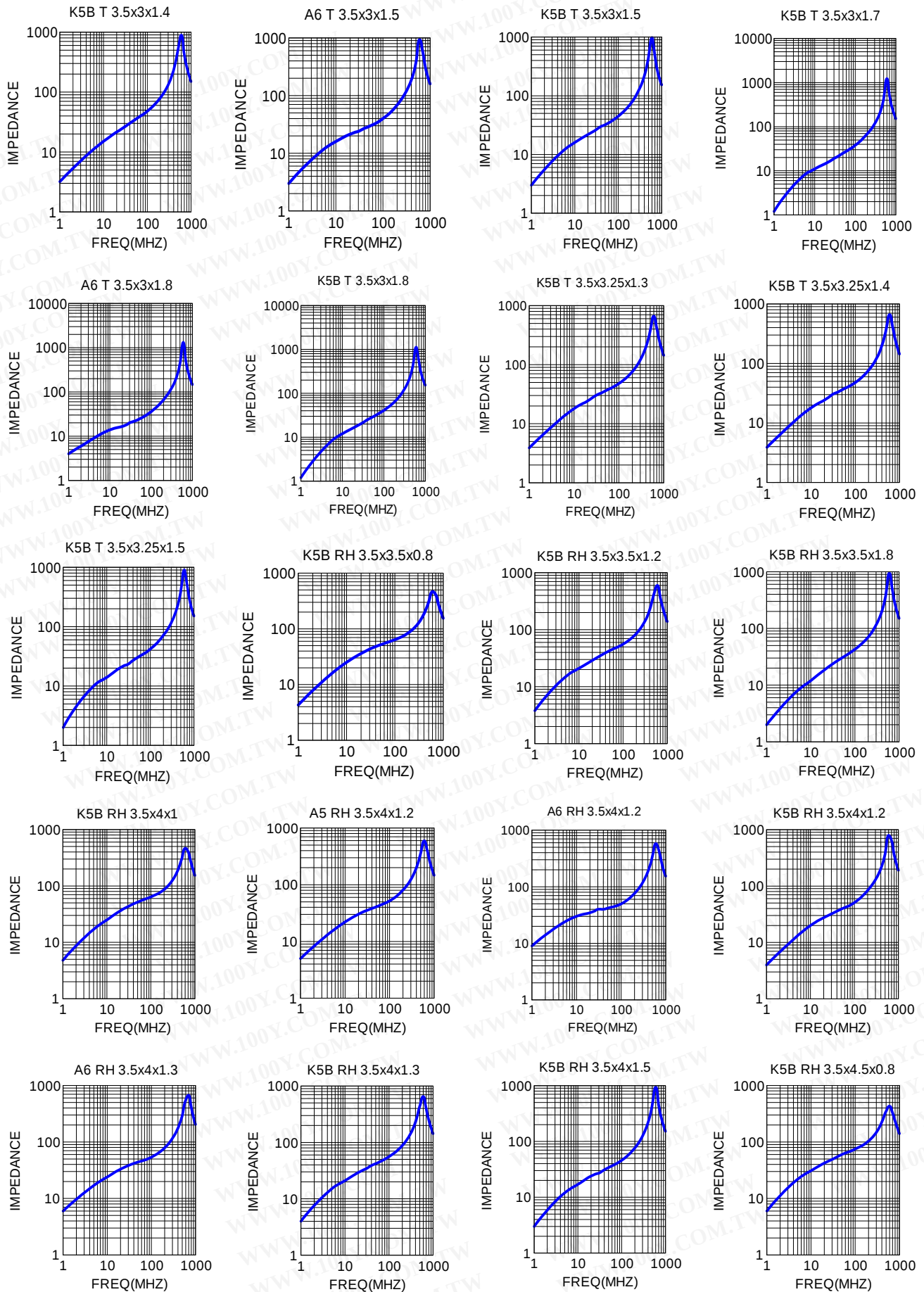


※Other sizes are available upon request.

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

SPECIFICATION OF TOROIDAL CORES SERIES

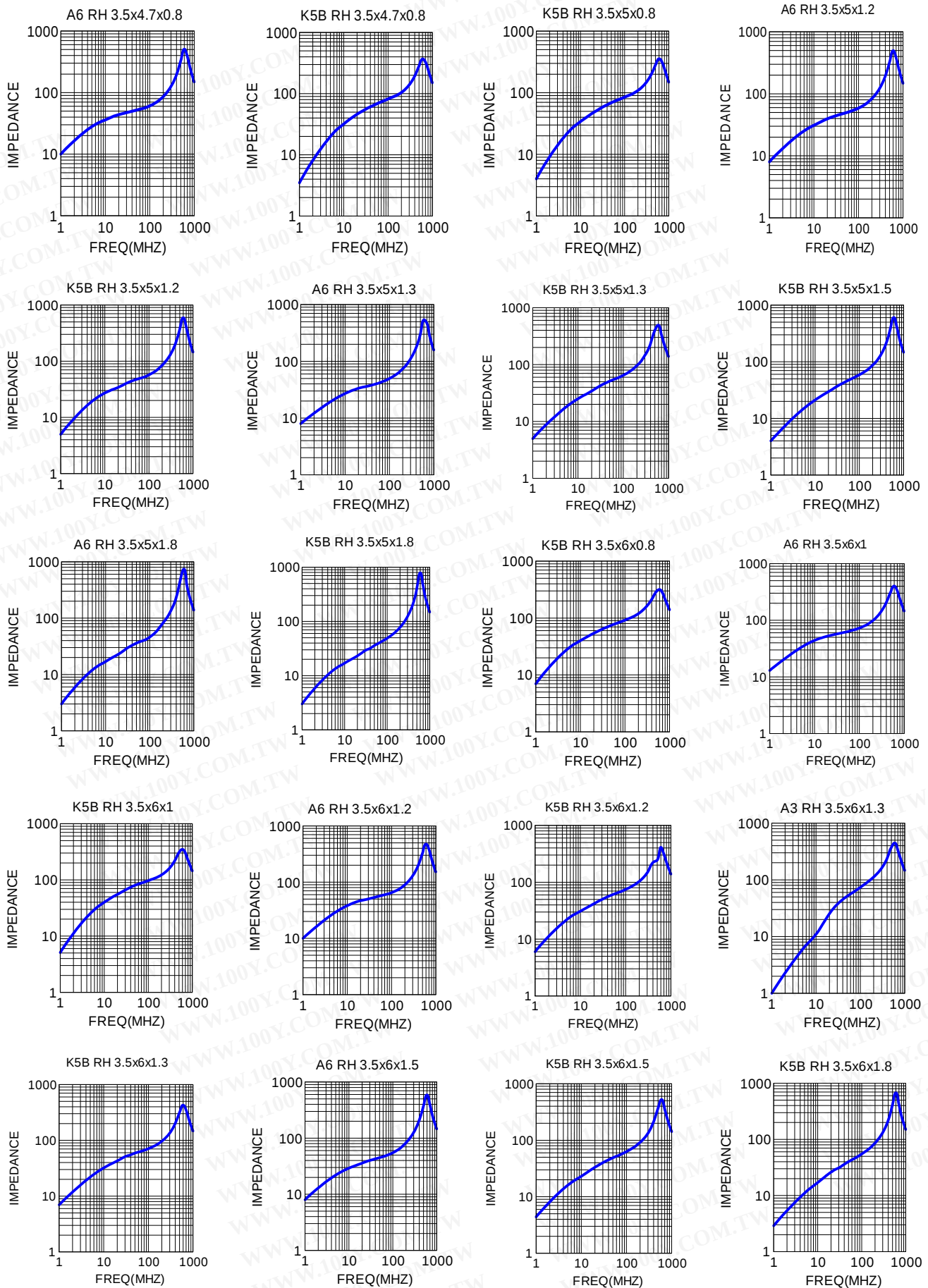


※Other sizes are available upon request.

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

SPECIFICATION OF TOROIDAL CORES SERIES

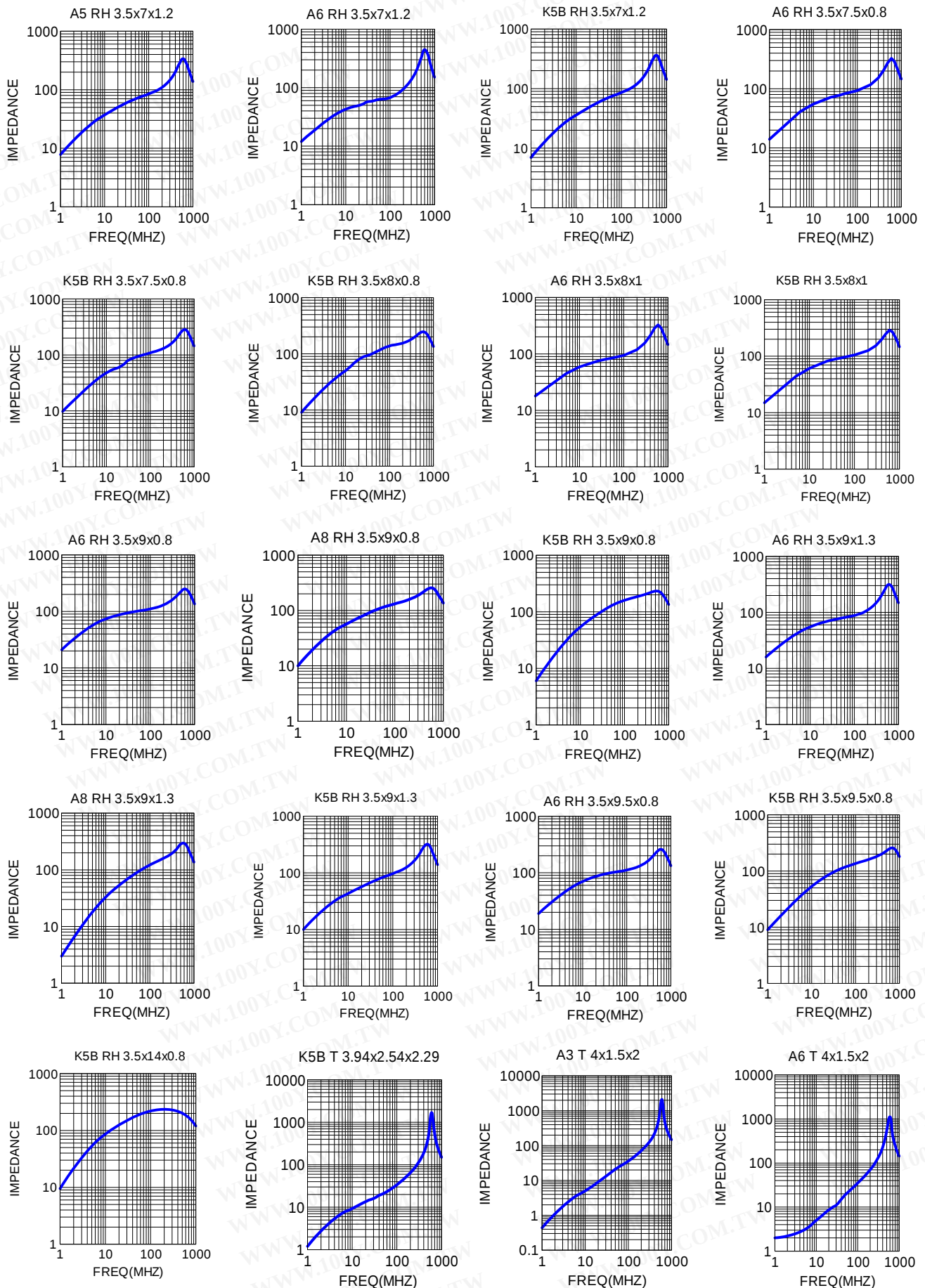


※Other sizes are available upon request.

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

SPECIFICATION OF TOROIDAL CORES SERIES

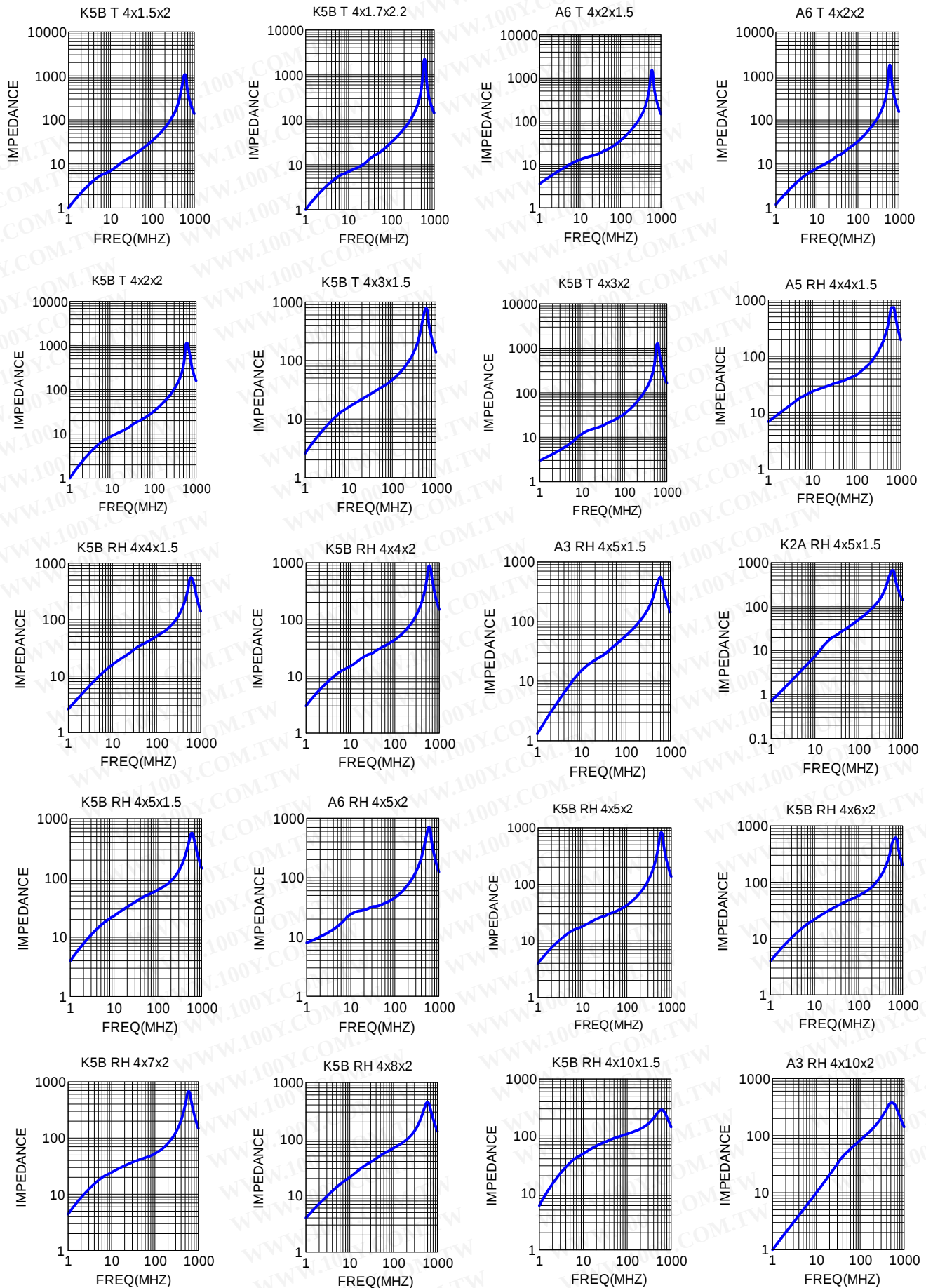


※Other sizes are available upon request.

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

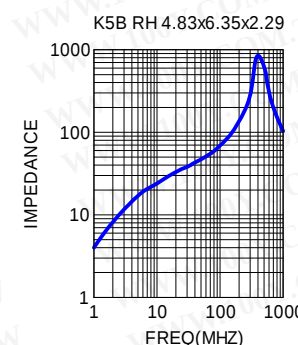
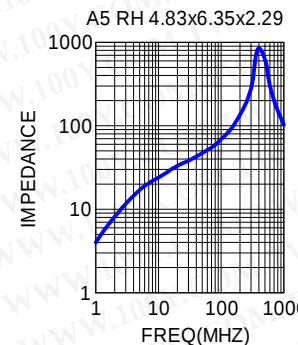
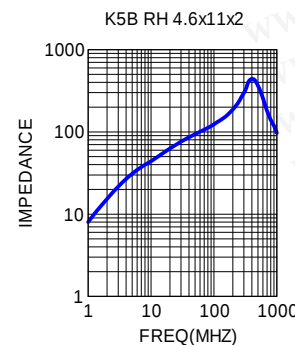
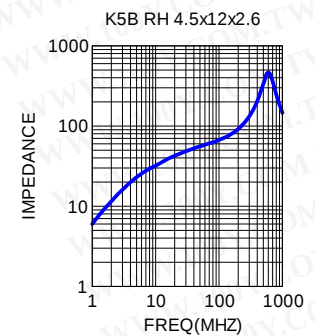
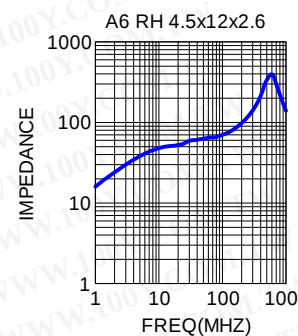
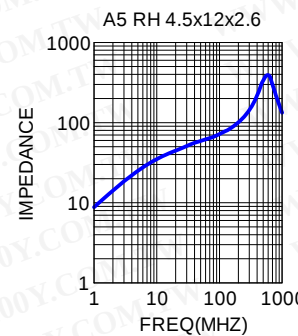
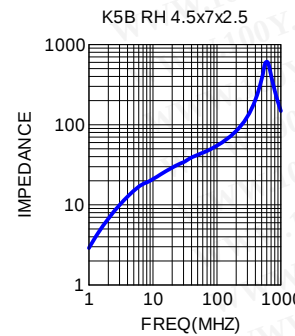
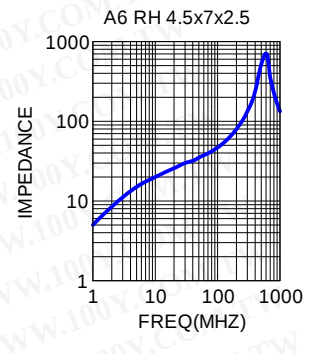
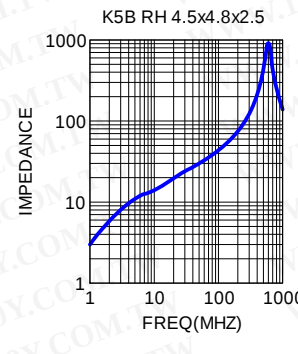
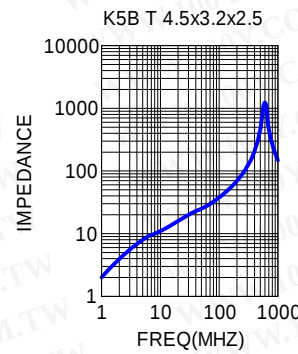
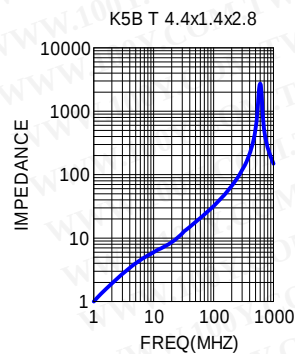
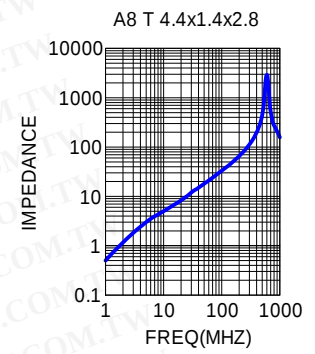
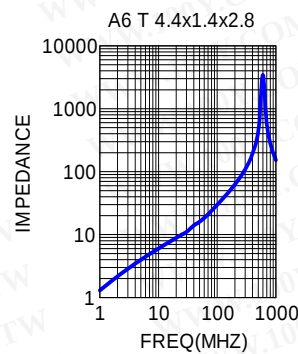
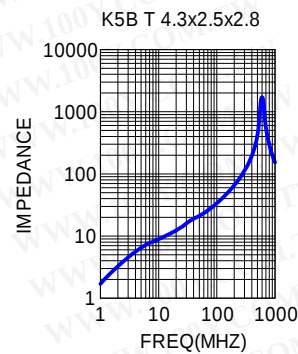
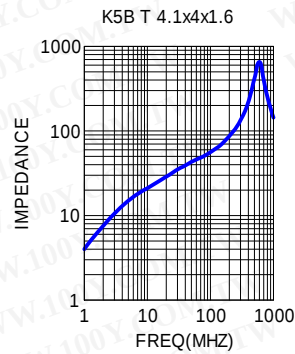
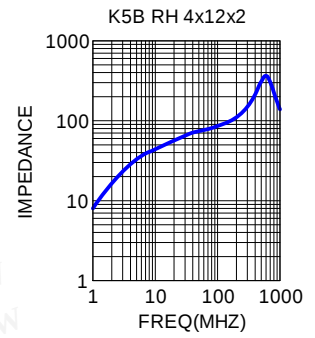
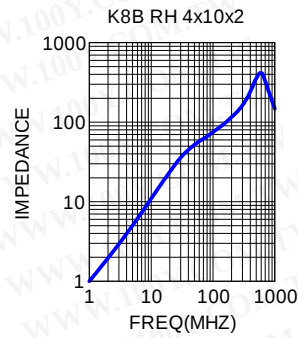
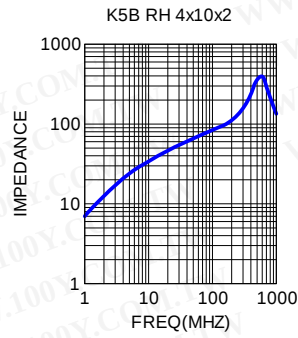
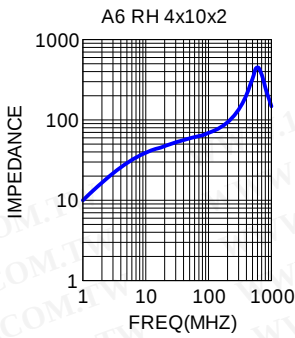
SPECIFICATION OF TOROIDAL CORES SERIES



※Other sizes are available upon request.

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

SPECIFICATION OF TOROIDAL CORES SERIES



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

※Other sizes are available upon request.

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

K.C. STANDARD FERRITE MATERIAL CHARACTERISTICS

Property Material	Initial Permeability $\mu_i, \pm 25\%$	Curie Temperature $T_C, ^\circ\text{C}$	Density $D, \text{g/cm}^3$	Loss Factory @FREQUENCY $1/\mu_i Q (\times 10^{-6})$	Temp. Coef. of Initial Permeability $20-70^\circ\text{C}$ $\alpha_F (\times 10^{-6} ^\circ\text{C}^{-1})$
A6	1800	> 100	4.7	75(0.5)	0-3
K16	1100	> 180	4.9	100(1.0)	1-4
A5	1000	> 130	4.8	280(1.0)	2-5
K5	850	> 130	4.8	260(1.0)	3-6
K5C	750	> 110	4.8	250(1.0)	8-20
K17	750	> 200	5.0	50(1.0)	2-5
K93	750	> 210	4.9	50(1.0)	7-20
K5B	700	> 140	4.8	250(1.0)	0-7
K25	400	> 300	5.0	80(2.0)	11-33
K2A	350	> 150	4.7	60(2.0)	15-40
A17	300	> 300	5.0	90(5.0)	0-7
K1C	250	> 200	5.0	110(2.0)	3-10
A8	200	> 250	5.0	35(7.0)	19-32
A3	100	> 300	5.0	160(20)	55-130
K8B	55	> 300	5.0	400(20)	5-15

1. All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)