

SPECIFICATION OF FS SERIES

APPLICATIONS

The rectangular solid ferrites are used for EMI suppression on flat cable assemblies.

- * Internal floppy disk ribbon cables.
- * Internal ribbon cables between circuit and data connectors.
- * Internal ribbon cables with 8,16,32 or 64 bit digital signal busses.

ORDERING CODE

K5B FS 45.2 x 6.5 x 12 - 1.3 - G□
 (1) (2) (3) (4) (5) (6) (7)

- (1) MATERIAL
 (2) PRODUCT CODE
 (3) A DIM.
 (4) B DIM.
 (5) C DIM.
 (6) E DIM.
 (7) DOUBLE SIDED ADHESIVE TAPE



SHAPE

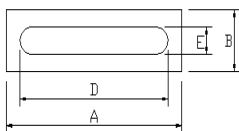


FIG 1

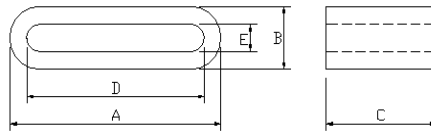


FIG 2

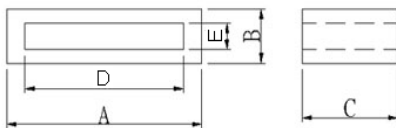


FIG 3

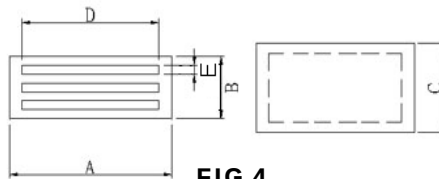


FIG 4

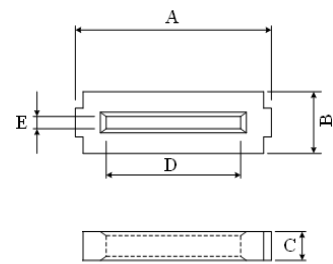


FIG 5

DIMENSIONS & CHARACTERISTICS

UNIT:mm

NO.	ORDERING CODE	A	B	C	D	E	Fig
1	FS 5x3x9-1.0	5.00±0.20	3.00±0.20	9.00±0.40	3.00±0.20	1.00±0.20	3
2	FS 5.5x3x9-1.4	5.50±0.20	3.00±0.20	9.00±0.30	4.00±0.20	1.40±0.20	3
3	FS 6.5x3.8x9-1.4	6.50±0.20	3.80±0.20	9.00±0.30	4.00±0.20	1.40±0.20	3
4	FS 7.5x5.3x9-2.8	7.50±0.30	5.30±0.20	9.00±0.30	5.00±0.25	2.80±0.20	3
5	FS 7.5x5.3x12-2.8	7.50±0.30	5.30±0.20	12.00±0.50	5.00±0.25	2.80±0.20	3
6	FS 9.1x5.6x7.8-3.7	9.10±0.20	5.60±0.20	7.80±0.30	7.20±0.20	3.70±0.20	3
7	FS 9.5x3x12-0.8	9.50±0.30	3.00±0.20	12.00±0.50	7.60±0.20	0.80±0.20	3
8	FS 10x3.2x3-1.0	10.00±0.30	3.20±0.20	3.00±0.50	8.00±0.30	1.00±0.20	3
9	FS 10x3.2x7-1.0	10.00±0.30	3.20±0.20	7.00±0.30	8.00±0.30	1.00±0.20	3
10	FS 10x3.2x8-1.0	10.00±0.30	3.20±0.20	8.00±0.40	8.00±0.30	1.00±0.20	3
11	FS 13.84x3.94x1.88-1.52	13.84±0.15	3.94±0.15	1.88±0.15	9.78±0.15	1.52±0.15	5
12	FS 14.7x2.75x6-0.7	14.70±0.40	2.75±0.30	6.00±0.30	11.00±0.40	0.70±0.30	2
13	FS 14.7x2.75x12-0.7	14.70±0.40	2.75±0.30	12.00±0.40	11.00±0.40	0.70±0.30	2

※Other sizes are available upon request.

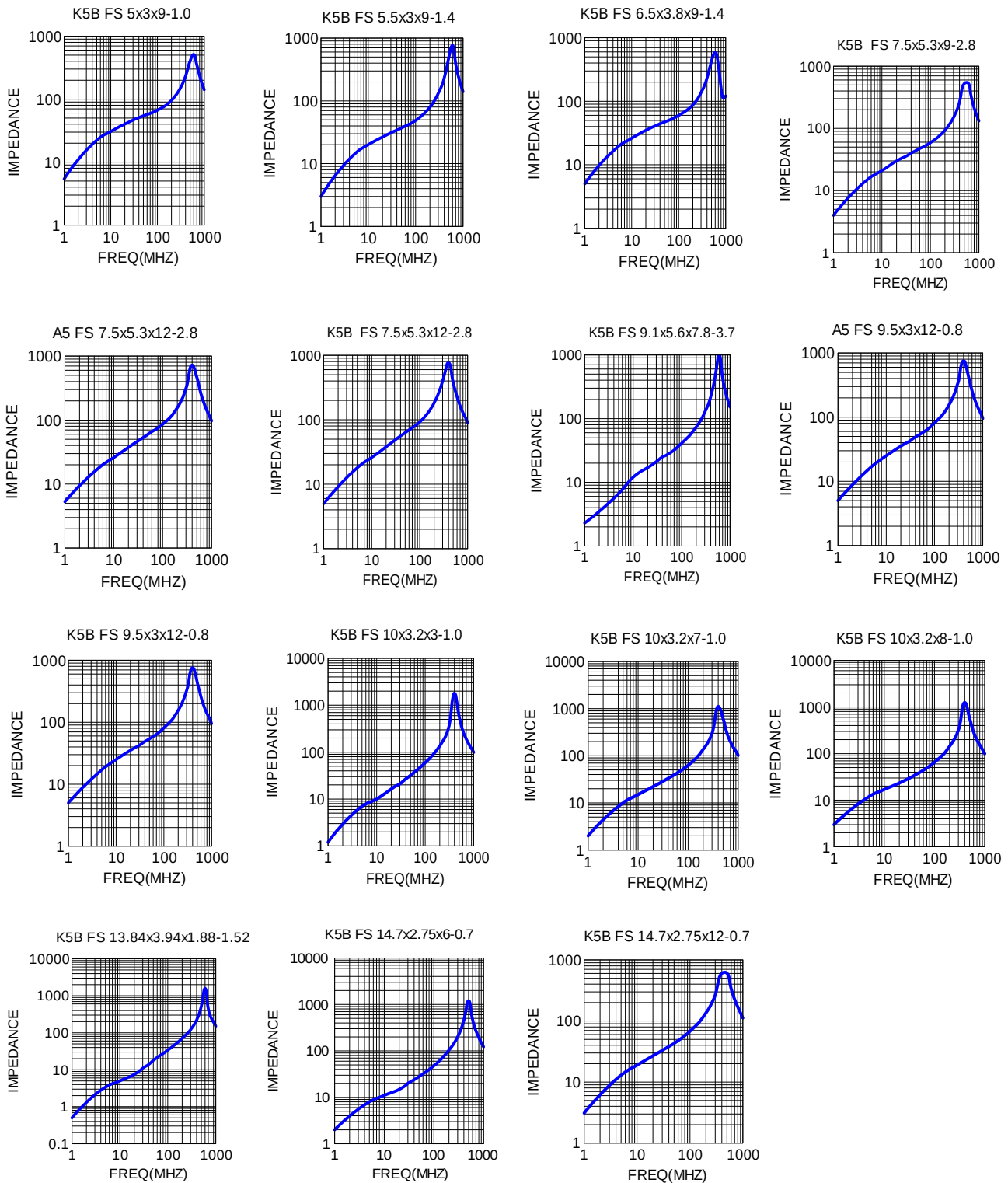
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 Tel:886-3-4698855 Fax:886-3-4691395

No.269,Nanfong Rd.,Pingjhen City,Taoyuan County,Taiwan
 E-mail:kc@mail.kingcore.com.tw Web Site:http://www.kingcore.com.tw

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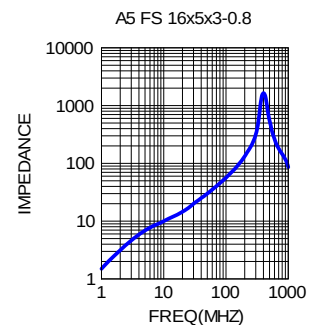
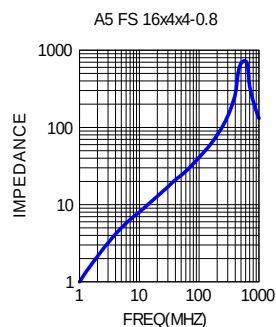
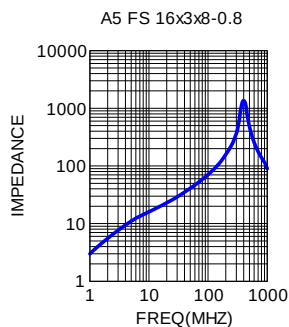
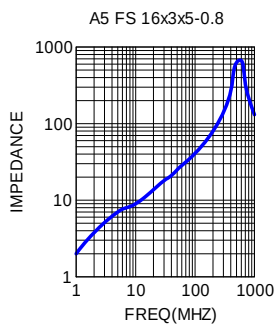


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14	FS 16x3x5-0.8	16.00±0.40	3.00±0.20	5.00±0.30	11.50±0.40	0.50(+0.60/-0.00)	2
15	FS 16x3x8-0.8	16.00±0.40	3.00±0.20	8.00±0.40	11.50±0.40	0.50(+0.60/-0.00)	2
16	FS 16x4x4-0.8	16.00±0.40	4.00±0.20	4.00±0.30	11.50±0.40	0.50(+0.60/-0.00)	2
17	FS 16x5x3-0.8	16.00±0.60	5.00(+0.00/-0.70)	3.00±0.30	11.50±0.50	0.50(+0.60/-0.00)	2
18	FS 16x5x6-0.8	16.00±0.40	5.00(+0.00/-0.70)	6.00±0.50	11.50±0.40	0.50(+0.60/-0.00)	2
19	FS 16x5x8-0.8	16.00±0.40	5.00(+0.00/-0.70)	8.00±0.40	11.50±0.40	0.50(+0.60/-0.00)	2
20	FS 16x5x12-0.8	16.00±0.40	5.00(+0.00/-0.70)	12.00±0.50	11.50±0.40	0.50(+0.60/-0.00)	2
21	FS 16x5x12-1.2	16.00±0.40	5.00(+0.00/-0.70)	12.00±0.50	11.50±0.40	1.20±0.30	2
22	FS 16x5x15-0.8	16.00±0.40	5.00(+0.00/-0.70)	15.00±0.50	11.50±0.40	0.50(+0.60/-0.00)	2
23	FS 16x5x20-0.8	16.00±0.40	5.00(+0.00/-0.70)	20.00±0.50	11.50±0.40	0.50(+0.60/-0.00)	2
24	FS 18x5x8-1.0	18.00±1.00	5.00±0.30	8.00±0.50	14.00±0.50	1.00±0.50	2
25	FS 18x5x12-1.0	18.00±1.00	5.00±0.30	12.00±0.50	14.00±0.50	1.00±0.50	2
26	FS 18.3x12x30-5.25	18.30±0.40	12.00±0.40	30.00±0.50	11.50±0.40	5.25±0.25	2
27	FS 18.9x6.5x20-1.8	18.90±0.50	6.50±0.40	20.00±0.50	14.00±0.60	1.80±0.30	2
28	FS 19x3x8-0.8	19.00±0.40	3.00±0.20	8.00±0.40	14.50±0.40	0.50(+0.60/-0.00)	2
29	FS 19x6.5x12-1.8	19.00±0.70	6.50±0.50	12.00±0.50	14.00±0.40	1.80±0.20	2
30	FS 20.5x3.5x15-0.8	20.50±0.60	3.50±0.15	15.00±0.40	16.50±0.40	0.80±0.15	2
31	FS 23.3x2.5x7-0.9	23.30±0.70	2.50±0.20	7.00±0.30	20.00±0.50	0.90±0.20	1
32	FS 23.3x3x6-0.9	23.30±0.70	3.00±0.40	6.00±0.50	20.00±0.50	0.90±0.20	1
33	FS 23.3x3x7-0.9	23.30±0.70	3.00(+0.40/-0.20)	7.00±0.30	20.00±0.50	0.90±0.20	1
34	FS 23.3x3x10-0.9	23.30±0.70	3.00(+0.40/-0.20)	10.00±0.40	20.00±0.50	0.90±0.20	1
35	FS 23.3x3x12-0.9	23.30±0.70	3.00(+0.40/-0.20)	12.00±0.50	20.00±0.50	0.90±0.20	1
36	FS 23.3x3x15-0.9	23.30±0.70	3.00(+0.40/-0.20)	15.00±0.60	20.00±0.50	0.90±0.20	1
37	FS 23.8x3.2x15-1.1	23.80±0.80	3.20±0.20	15.00±0.60	18.70±0.80	1.10±0.40	1
38	FS 23.8x6.3x7-1.1	23.80±0.80	6.30±0.40	7.00±0.30	18.70±0.80	1.10±0.40	2
39	FS 23.8x6.3x12.5-1.1	23.80±0.80	6.30±0.40	12.50±0.40	18.70±0.80	1.10±0.40	2
40	FS 24x12x30-4.0	24.00±0.70	12.00±0.40	30.00±0.70	15.00±0.50	4.00±0.40	2
41	FS 24.5x5x12-0.5	24.50±0.70	5.00(+0.00/-0.70)	12.00±0.40	20.00±0.50	0.50(+0.60/-0.00)	2
42	FS 24.5x5x20-0.5	24.50±0.50	5.00(+0.00/-0.70)	20.00±0.60	20.00±0.50	0.50(+0.60/-0.00)	2
43	FS 25x3.7x20-0.7	25.00±0.70	3.70±0.40	20.00±0.60	22.00±0.50	0.70(+0.50/-0.10)	2
44	FS 25.5x3x9-0.65	25.50±0.70	3.00±0.20	9.00±0.40	21.50±0.50	0.65±0.30	2
45	FS 25.5x3x12-0.65	25.50±0.70	3.00±0.20	12.00±0.50	21.50±0.50	0.65±0.30	2
46	FS 25.5x3x9-0.65	25.50±0.70	3.00±0.20	9.00±0.40	21.50±0.50	0.65±0.30	2
47	FS 25.5x5x15-0.65	25.50±0.70	5.00±0.30	15.00±0.60	21.50±0.50	0.65±0.30	1



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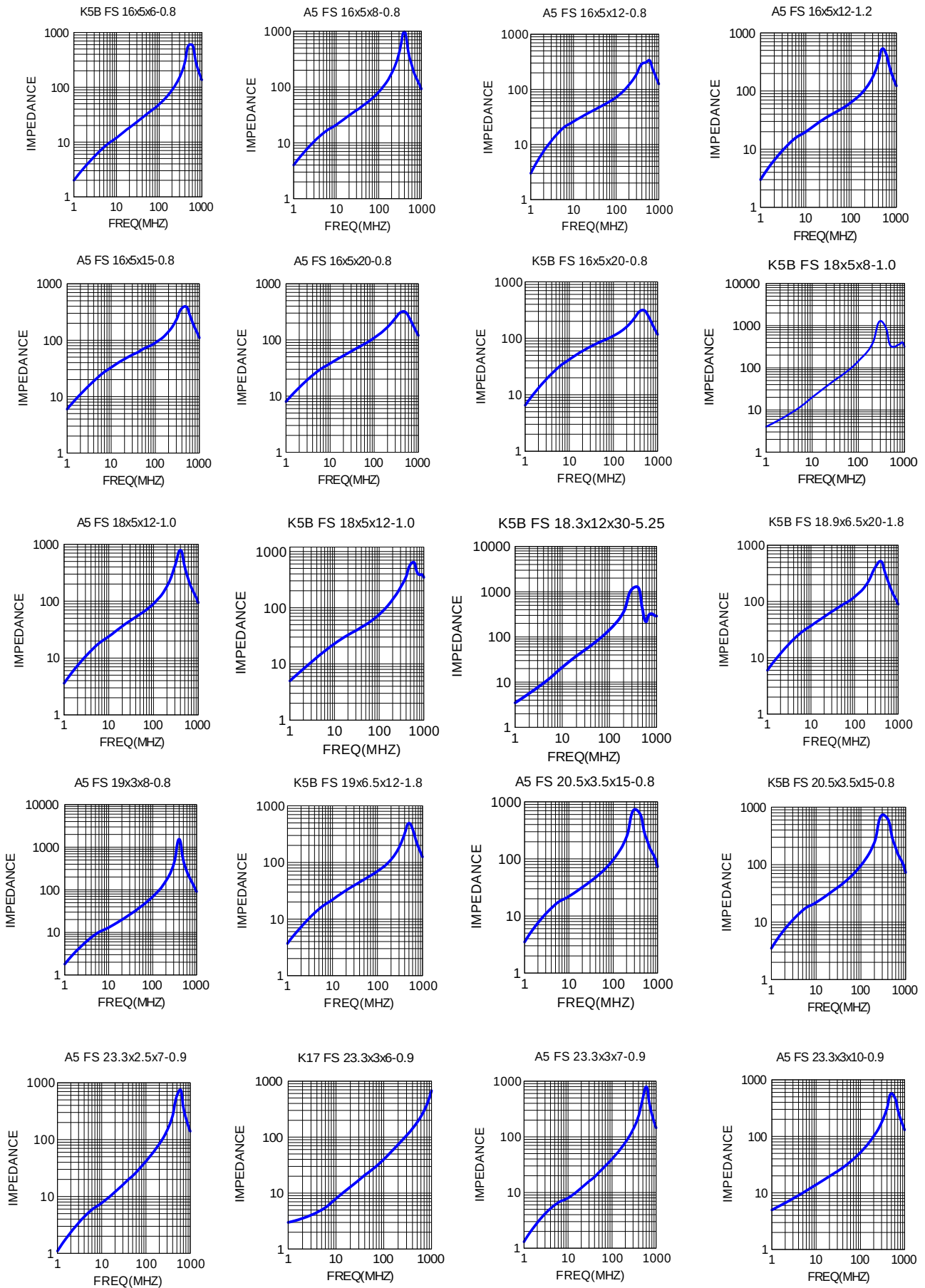
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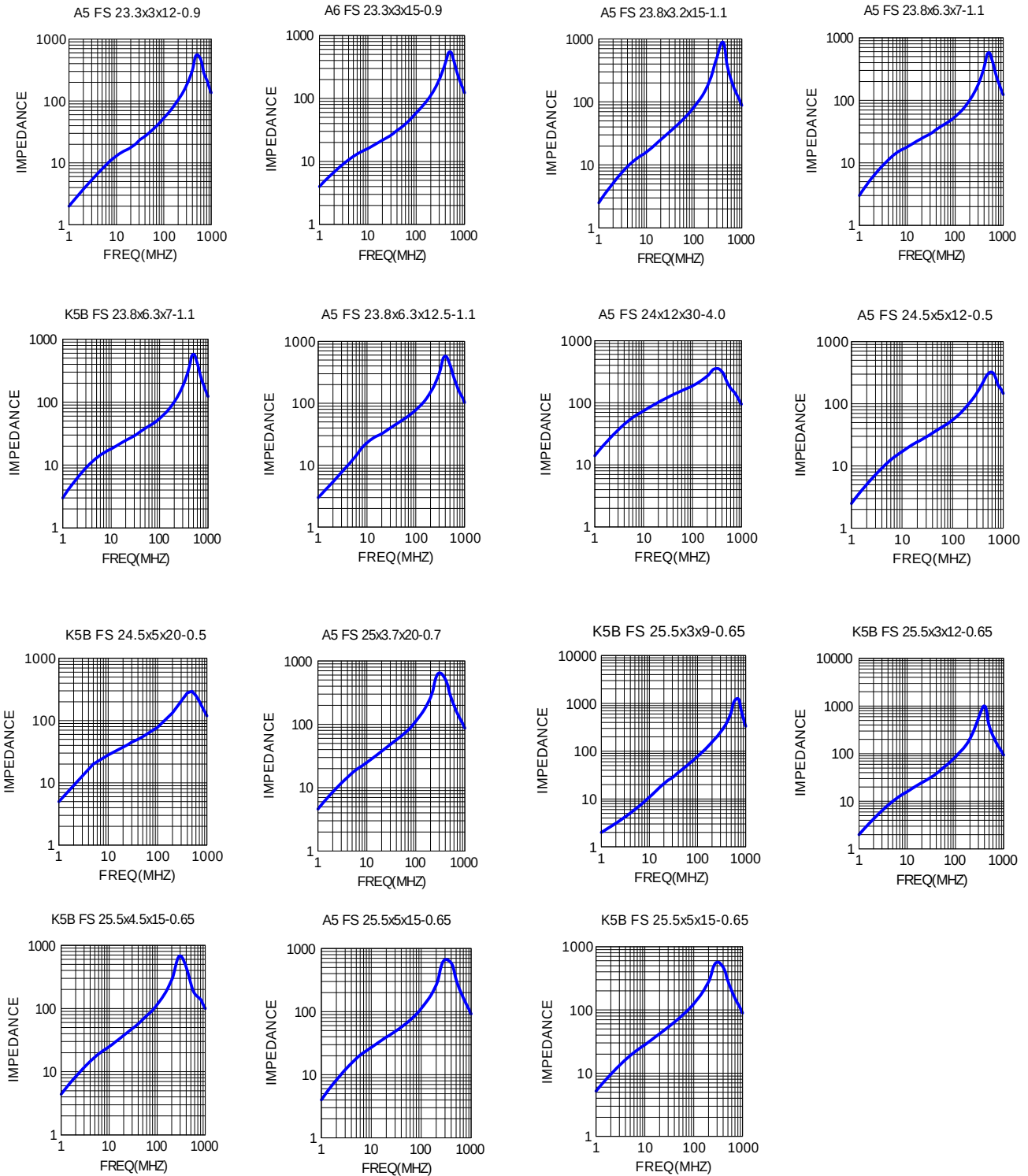
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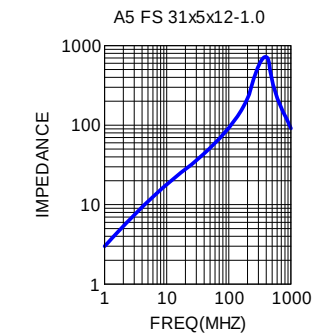
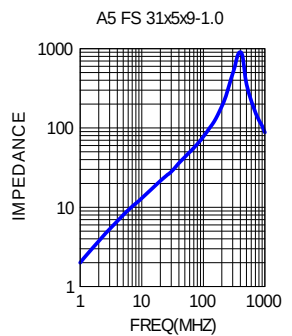
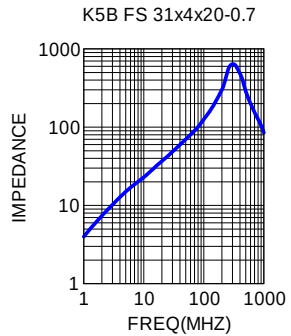
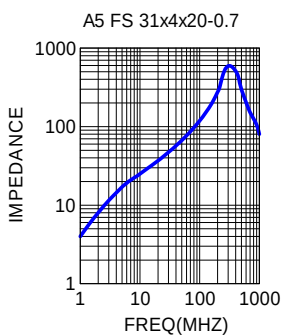
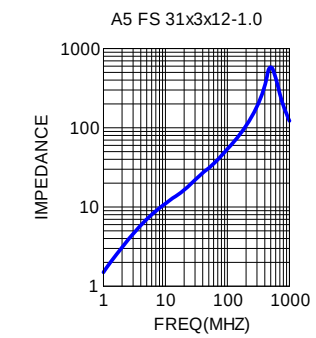
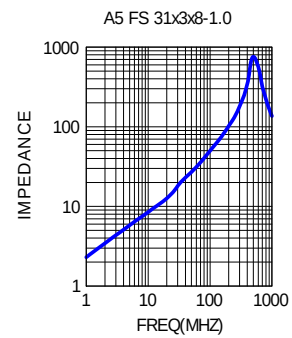
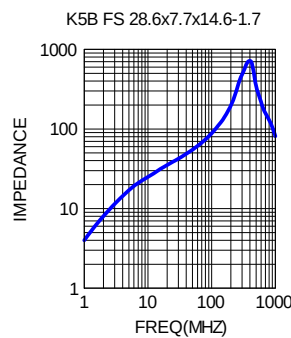
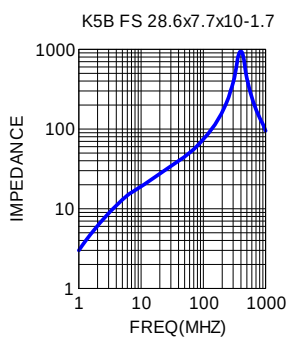
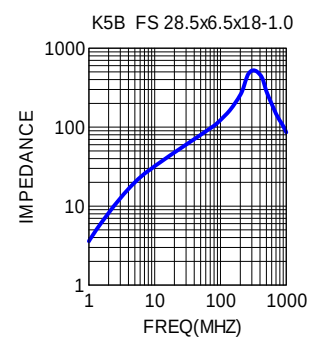
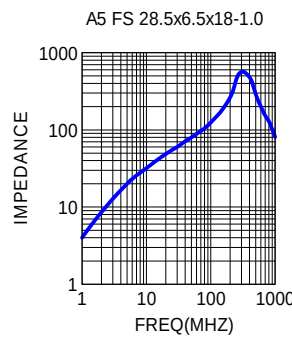
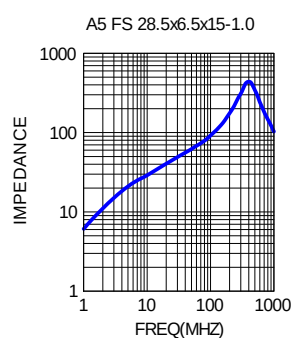
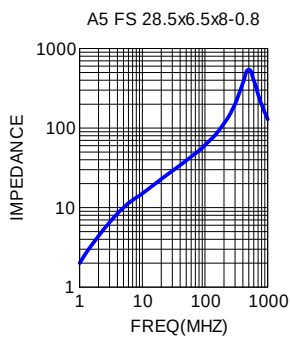


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48	FS 28.5x6.5x8-0.8	28.50±1.00	6.50±0.50	8.00±0.40	23.50±0.50	0.80±0.30	2
49	FS 28.5x6.5x15-1.0	28.50±1.00	6.50±0.50	15.00±0.60	23.50±0.70	1.00±0.20	2
50	FS 28.5x6.5x18-1.0	28.50±1.00	6.50±0.50	18.00±0.70	23.50±0.70	1.00±0.20	2
51	FS 28.6x7.7x10-1.7	28.60±0.50	7.70±0.50	10.00±0.40	23.50±0.50	1.70±0.50	2
52	FS 28.6x7.7x14.6-1.7	28.60±0.50	7.70±0.50	14.60±0.60	23.50±0.50	1.70±0.50	2
53	FS 31x3x8-1.0	31.00±1.00	3.00±0.20	8.00±0.40	27.00±0.70	1.00±0.20	2
54	FS 31x3x12-1.0	31.00±1.00	3.00±0.20	12.00±0.50	27.00±0.70	1.00±0.20	2
55	FS 31x4x20-0.7	31.00±1.00	4.00±0.30	20.00±0.60	27.00±0.70	0.70±0.20	2
56	FS 31x5x9-1.0	31.00±1.00	5.00±0.30	9.00±0.40	27.00±0.70	1.00±0.20	2
57	FS 31x5x12-1.0	31.00±1.00	5.00±0.30	12.00±0.50	27.00±0.70	1.00±0.20	2
58	FS 31x5x18-1.0	31.00±1.00	5.00±0.30	18.00±0.60	27.00±0.70	1.00±0.20	2
59	FS 32x4x25-0.7	32.00±1.00	4.00±0.20	25.00±0.50	27.00(+2.00/-0.00)	0.70(+0.30/-0.00)	2
60	FS 32x6x25-0.85	32.00±1.00	6.00±0.30	25.00±1.00	28.00±0.70	0.85±0.20	2
61	F3S 32x11.8x16-1.0	32.00±0.80	11.80±0.50	16.00±0.60	27.00±0.90	1.00±0.30	4
62	FS 33.5x6.5x8-1.3	33.50±1.00	6.50±0.50	8.00±0.30	27.00±0.70	1.30(+0.50/-0.30)	2
63	FS 33.5x6.5x10-1.3	33.50±1.00	6.50±0.50	10.00±0.40	27.00±0.70	1.30(+0.50/-0.30)	2
64	FS 33.5x6.5x12-1.3	33.50±1.00	6.50±0.50	12.00±0.50	27.00±0.70	1.30(+0.50/-0.30)	2
65	FS 33.5x6.5x15-1.3	33.50±1.00	6.50±0.50	15.00±0.50	27.00±0.70	1.30(+0.50/-0.30)	2
66	FS 33.5x6.5x20-1.3	33.50±1.00	6.50±0.50	20.00±0.60	27.00±0.70	1.30(+0.50/-0.30)	2



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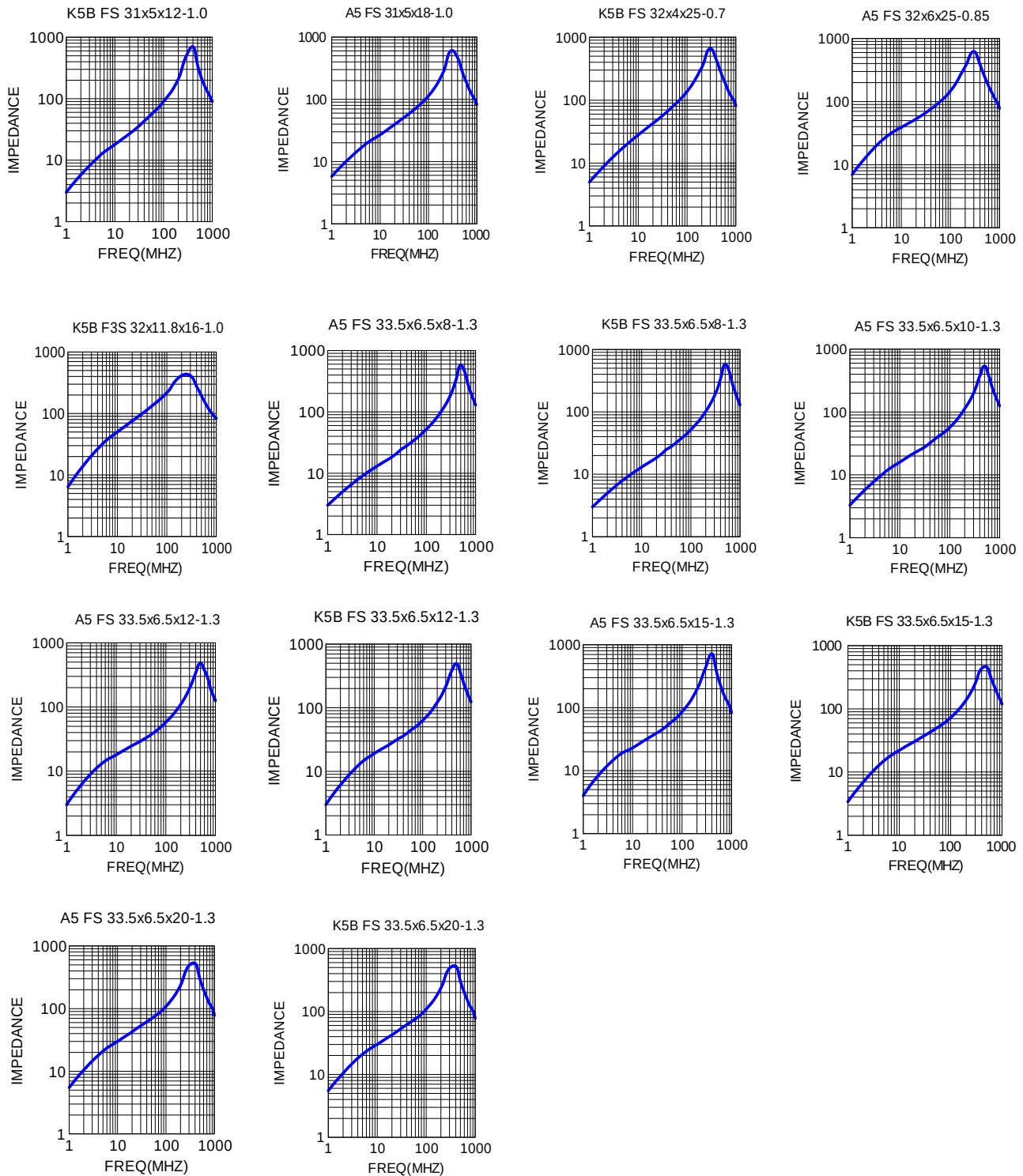
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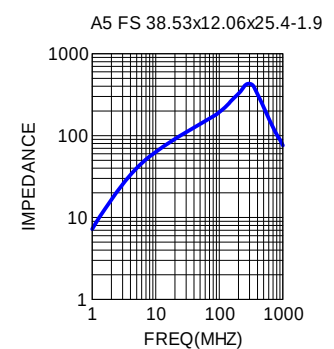
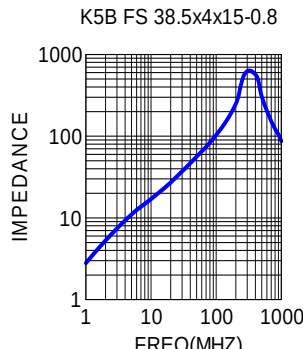
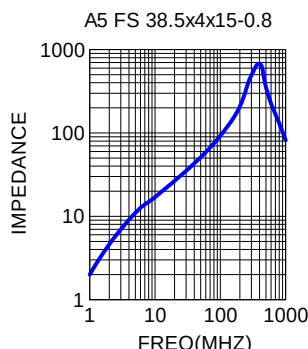
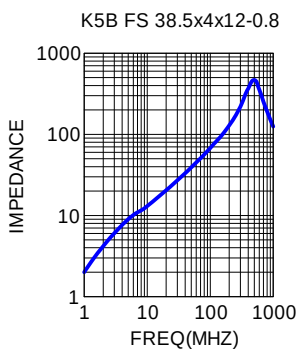
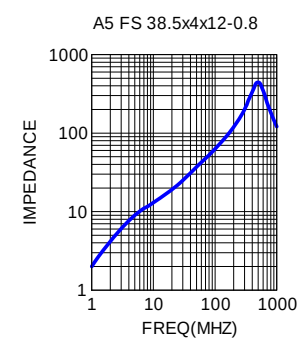
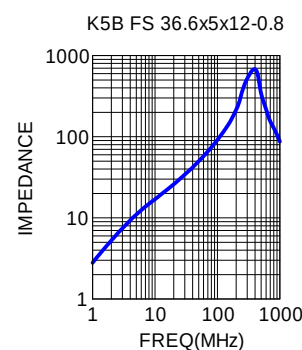
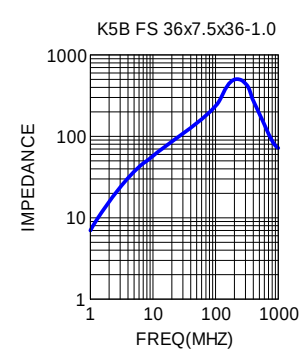
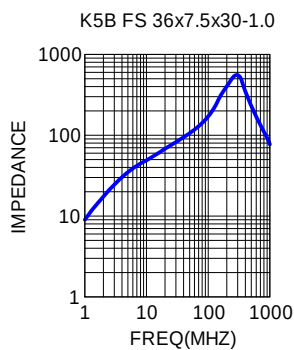
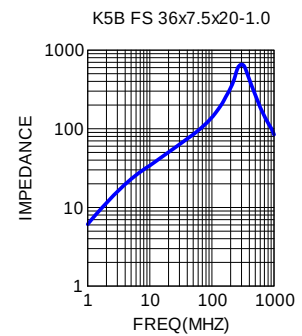
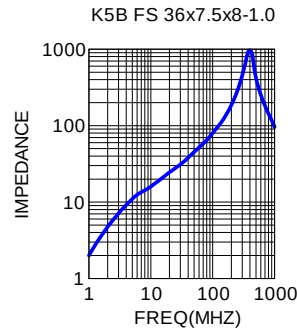
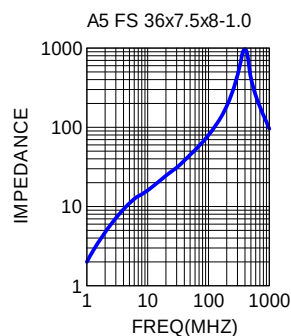
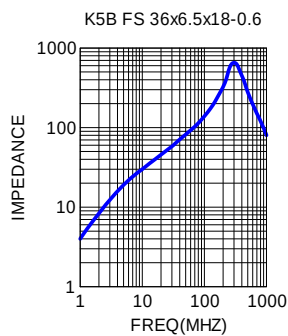
E-mail: kc@mail.kingcore.com.tw

No. 269, Nanfong Rd., Pingjhen City, Taoyuan County, Taiwan

Web Site: <http://www.kingcore.com.tw>

SPECIFICATION OF FS SERIES

NO.	ORDERING CODE	A	B	C	D	E	Fig
67	FS 36x6.5x18-0.6	36.00±1.00	6.50±0.50	18.00±0.60	31.00±0.70	0.60±0.30	2
68	FS 36x7.5x8-1.0	36.00±1.00	7.50±0.50	8.00±0.40	31.00±0.70	1.00±0.20	2
69	FS 36x7.5x20-1.0	36.00±1.00	7.50±0.50	20.00±1.00	31.00±0.70	1.00±0.20	2
70	FS 36x7.5x30-1.0	36.00±1.00	7.50±0.50	30.00±0.80	31.00±0.70	1.00±0.20	2
71	FS 36x7.5x36-1.0	36.00±1.00	7.50±0.50	36.00±1.00	31.00±0.70	1.00±0.20	2
72	FS 36.6x5x12-0.8	36.00±1.00	5.00±0.20	12.00±0.50	32.40±0.70	0.80±0.30	2
73	FS 38.5x4x12-0.8	38.50±1.00	4.00±0.30	12.00±0.50	35.00±0.70	0.80±0.30	2
74	FS 38.5x4x15-0.8	38.50±1.00	4.00±0.50	15.00±0.60	35.00±0.70	0.80±0.30	2
75	FS 38.53x12.06x25.4-1.9	38.53±0.58	12.06±0.38	25.40±0.76	26.77±0.76	1.90±0.38	1
76	FS 40x6.5x6-1.3	40.00±1.00	6.50±0.50	6.00±0.30	35.00±0.70	1.30(+0.50/-0.30)	2
77	FS 40x6.5x8-1.3	40.00±1.00	6.50±0.50	8.00±0.40	35.00±0.70	1.30(+0.50/-0.30)	2
78	FS 40x6.5x10-1.3	40.00±1.00	6.50±0.50	10.00±0.40	35.00±0.70	1.30(+0.50/-0.30)	2
79	FS 40x6.5x12-1.3	40.00±1.00	6.50±0.50	12.00±0.50	35.00±0.70	1.30(+0.50/-0.30)	2
80	FS 40x6.5x12-2.0	40.00±1.00	6.50±0.50	12.00±0.50	35.00±0.70	2.00±0.30	2
81	FS 40x6.5x15-1.3	40.00±1.00	6.50±0.50	15.00±0.60	35.00±0.70	1.30(+0.50/-0.30)	2
82	FS 40x6.5x18-1.3	40.00±1.00	6.50±0.50	18.00±0.70	35.00±0.70	1.30(+0.50/-0.30)	2
83	FS 40x6.5x20-1.3	40.00±1.00	6.50±0.50	20.00±0.60	35.00±0.70	1.30(+0.50/-0.30)	2
84	FS 40x11.4x5-7.4	40.00±1.00	11.40±0.50	5.00±0.40	32.00±0.80	7.40±0.50	3
85	FS 45.1x12.5x28.5-1.5	45.10±0.76	12.50±0.25	28.50±0.64	34.40±0.64	1.50±0.25	1
86	FS 45.2x6.5x12-1.3	45.20±1.00	6.50±0.50	12.00±0.50	40.00±0.80	1.30(+0.50/-0.30)	2
87	FS 45.2x6.5x15-1.3	45.20±1.00	6.50±0.50	15.00±0.60	40.00±0.80	1.30(+0.50/-0.30)	2



※Other sizes are available upon request.

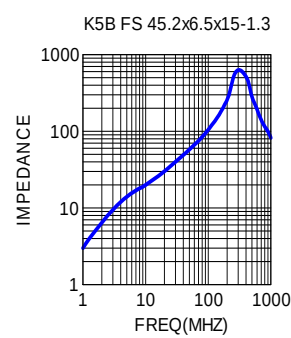
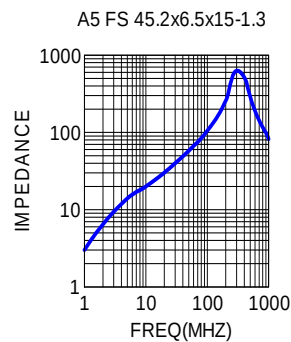
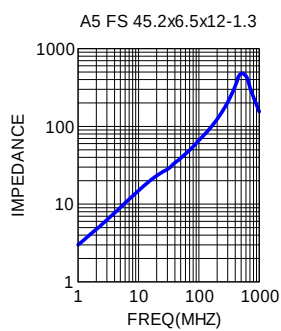
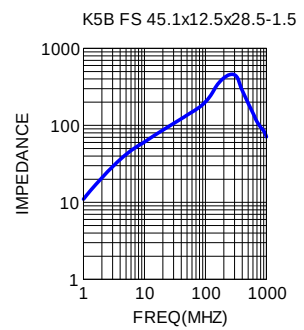
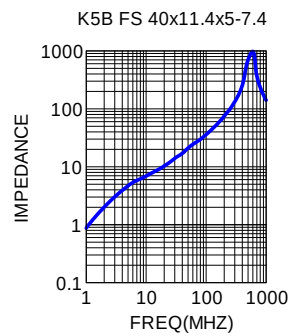
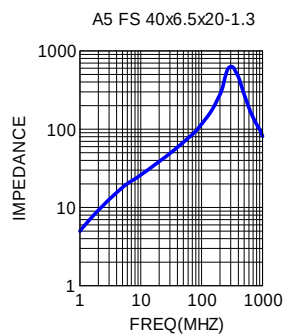
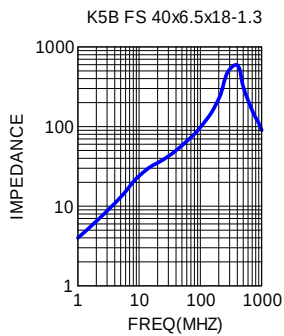
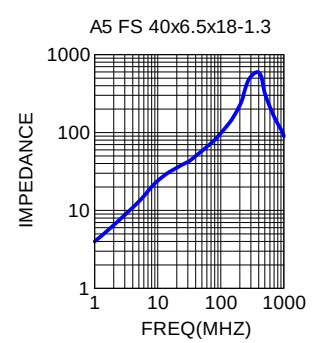
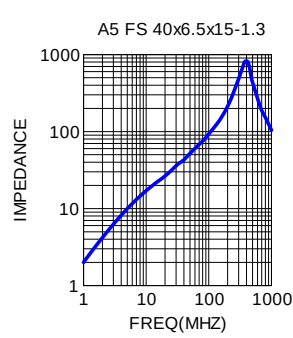
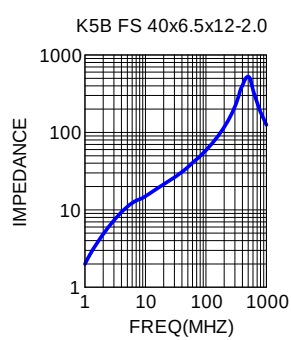
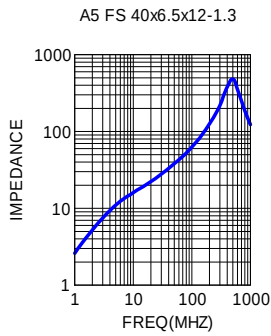
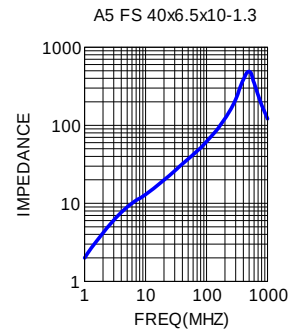
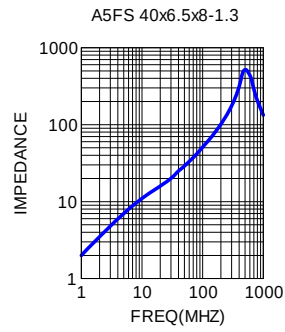
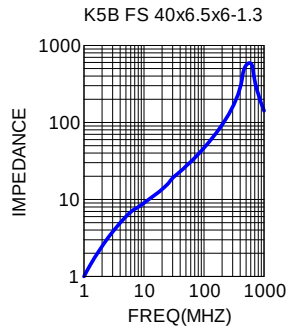
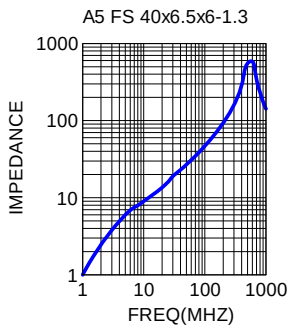
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KING CORE ELECTRONICS INC.
Tel:886-3-4698855 Fax:886-3-4691395

No.269,Nanfong Rd.,Pingjhen City,Taoyuan County,Taiwan
E-mail:kc@mail.kingcore.com.tw Web Site:http://www.kingcore.com.tw

SPECIFICATION OF FS SERIES



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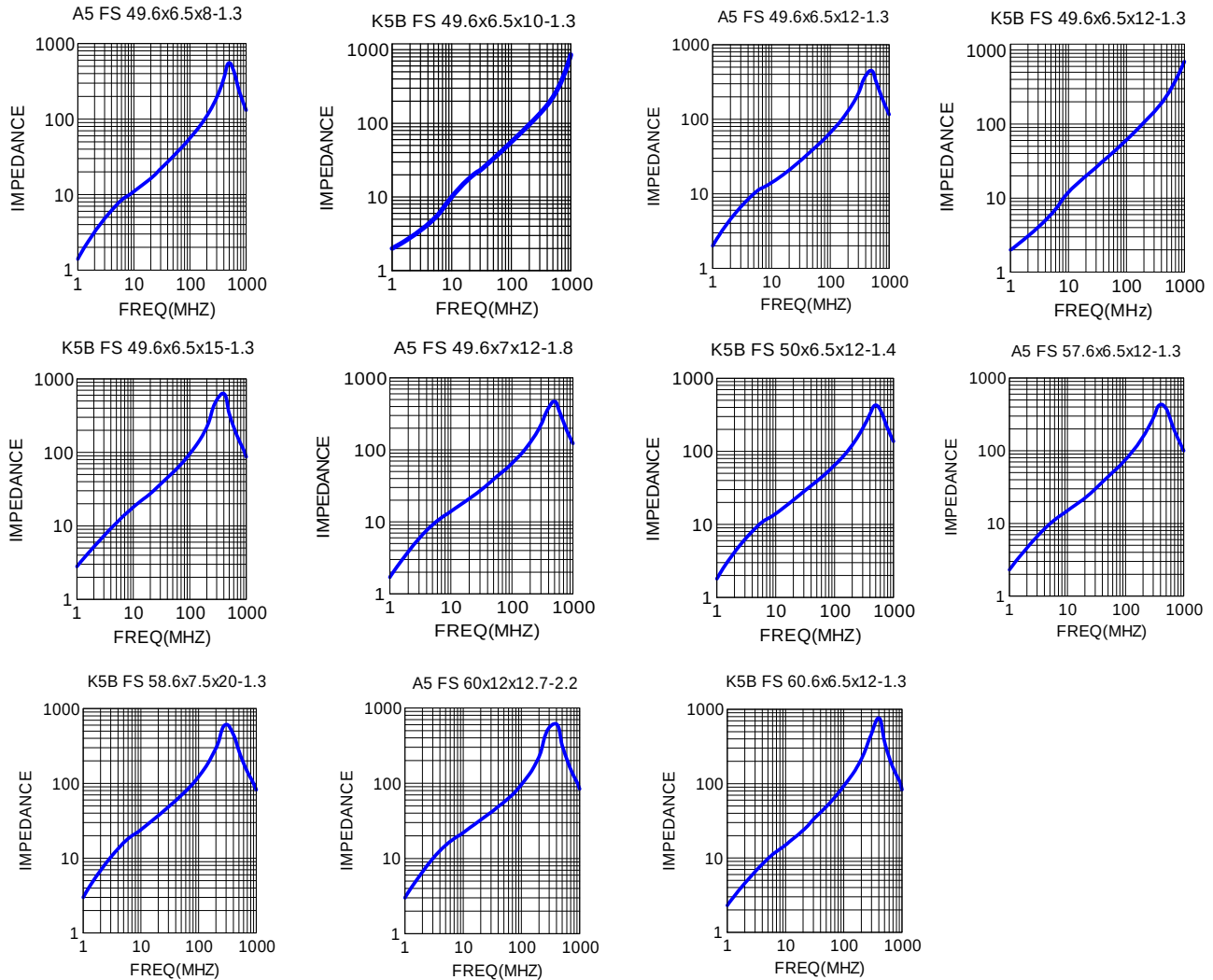
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SPECIFICATION OF FS SERIES

NO.	ORDERING CODE	A	B	C	D	E	Fig
88	FS 49.6x6.5x8-1.3	49.60±1.00	6.50±0.50	8.00±0.40	44.00±0.80	1.30(+0.50/-0.30)	2
89	FS 49.6x6.5x10-1.3	49.60±1.00	6.50±0.50	10.00±0.40	44.00±0.80	1.30(+0.50/-0.30)	2
90	FS 49.6x6.5x12-1.3	49.60±1.00	6.50±0.50	12.00±0.50	44.00±0.80	1.30(+0.50/-0.30)	2
91	FS 49.6x6.5x15-1.3	49.60±1.00	6.50±0.50	15.00±0.50	44.00±0.80	1.30(+0.50/-0.30)	2
92	FS 49.6x7x12-1.8	49.60±1.00	7.00±0.50	12.00±0.50	44.00±0.80	1.80±0.40	2
93	FS 50x6.5x12-1.4	50.00±1.00	6.50±0.50	12.00±0.50	44.90±0.80	1.40±0.20	2
94	FS 57.6x6.5x12-1.3	57.60±1.20	6.50±0.50	12.00±0.50	52.00±0.90	1.30(+0.50/-0.30)	2
95	FS 58.6x7.5x20-1.3	58.60±1.20	7.50±0.50	20.00±0.60	52.00±0.90	1.30(+0.50/-0.30)	2
96	FS 60x12x12.7-2.2	60.00±1.00	12.00±0.50	12.70±0.60	48.50±0.80	2.20±0.40	1
97	FS 60.6x6.5x12-1.3	60.60±1.20	6.50±0.50	12.00±0.50	55.20(+1.00/-0.50)	1.30(+0.50/-0.30)	2



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