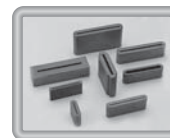


EMI Suppressor Ferrite Cores (for Flat Cable)

*The other specification can be designed & produced also.



● Ordering Code

RP	31	X	5	X	12	(1) Type Code	(3) B Size
(1)	(2)	(3)	(4)			(2) A Size	(4) D Size

● Applications

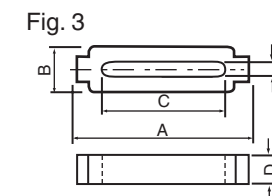
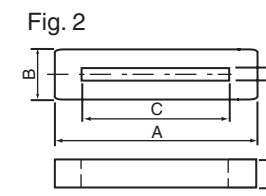
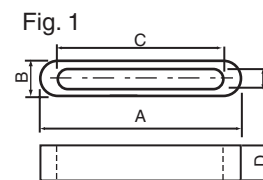
EMI Suppression on flat cable assemblies

Outline: rectangular EMI suppression ferrites provide a costeffective means of reduction common mode EMI on flat, ribbon type cable assemblies.They are most frequently used to suppress EMI on the internal data cable assemblies of electronic equipment. by reducing the levels radiated by internal cables, these ferrites can reduce the cost and amount of overall shielding required to confine EMI within a product's enclosure.

Features: Slot lengths from 16mm to 60mm. Precision formed smooth surfaces prevent damage to wire insulation.

Application: Internal floppy disk and harddisk ribbon cables. Internal ribbon cables between circuit boards and data connectors.Internal ribbon cables with series digital signal busses.

● Shapes



● Dimensions (Core Size) & Characteristics

Unit: mm

NO	ITEM	Fig	A	B	C	D	E	IMPEDANCD (Ω) min.		(Z,RS,XL) -f Curve Fig.
								25MHz	100MHz	
1	RP 13.5X2.75X15	1	13.5±0.3	2.75±0.3	11.0±0.3	15.0±0.4	0.7±0.3	20	65	1
2	RP 16X4.5X12	1	16±0.3	4.5±0.3	11.5±0.3	12.0±0.5	0.5 ^{+0.6} _{-0.1}	30	80	2
3	RP 16X5X8 E=0.5	1	16±0.3	5.0±0.3	11.5±0.3	8.0±0.2	0.5 ^{+0.6} _{-0.1}	38	90	3
4	RP 16X5X8 E=1.3	1	16±0.3	5.0±0.3	11.5±0.3	8.0±0.2	1.3±0.2	20	50	4
5	RP 16X5X12 E=0.5	1	16±0.3	5.0±0.3	11.5±0.3	12.0±0.5	0.5 ^{+0.6} _{-0.1}	30	70	5
6	RP 16X5X12 E=1.3	1	16±0.3	5.0±0.3	11.5±0.3	12.0±0.5	1.3±0.2	30	65	6
7	RP 16X5X20 E=0.5	1	16±0.4	5.0±0.3	11.5±0.4	20.0±0.5	0.5 ^{+0.6} _{-0.1}	45	90	7
8	RP 16X5X20 E=1.3	1	16±0.4	5.0±0.3	11.5±0.4	20.0±0.5	1.3±0.2	45	90	8
9	RP 18X4.5X12	1	18±0.4	4.5±0.3	14.0±0.4	12.0±0.5	1.0±0.3	47	98	9

EMI Suppressor Ferrite Cores (for Flat Cable)

**The other specification can be designed & produced also.*

NO	ITEM	Fig.	A	B	C	D	E	IMPEDANCD (Ω) min.		(Z,RS,XL) -f Curve Fig.
								25MHz	100MHz	
10	RP 18X5X8	1	18.0±0.4	5.0±0.3	14.0±0.4	8.0±0.4	1.0±0.3	24	55	10
11	RP 18X5X18	1	18.0±0.3	5.0±0.3	13.0±0.4	18.0±0.5	1.5±0.3	30	75	11
12	RP 19X4X15	1	19.0±0.4	4.0±0.3	13.5±0.6	15.0±0.4	1.52±0.3	20	60	12
13	RP 19X4.5X20	1	19.0±0.4	4.5±0.4	15.0±0.5	20.0±0.6	0.8±0.15	30	80	13
14	RP 19X6.5X12	1	19.0±0.4	6.5±0.2	13.45±0.3	12.0±0.3	1.5±0.15	30	60	14
15	RP 19X6.5X15	1	19.0±0.4	6.5±0.2	13.45±0.3	15.0±0.4	1.75±0.3	30	70	15
16	RP 20.5X3.5X10	1	20.5±0.5	3.5 ^{+0.15} _{-0.25}	16.5±0.4	10.0±0.4	0.5 ^{+0.6} _{-0.1}	20	65	16
17	RP 20.5X3.5X15	1	20.5±0.5	3.5 ^{+0.15} _{-0.25}	16.5±0.4	15.0±0.4	0.5 ^{+0.6} _{-0.1}	34	88	17
18	RP 22.35X7.75X19.05	2	22.35±0.51	7.75±0.38	14.0±0.4	19.05±0.64	1.5±0.25	68	120	18
19	RP 23.3X2.1X15	1	23.3±0.7	2.1 ^{+0.10} _{-0.20}	20.0±0.5	15.0±0.6	0.5 ⁺⁰ _{-0.2}	25	80	19
20	RP 23.3X3X5	1	23.3±0.7	3.0±0.3	20.0±0.5	5.0±0.4	0.9±0.3	12	45	20
21	RP 23.3X3X7	2	23.3±0.7	3.0±0.3	20.0±0.5	7.0±0.4	0.9±0.3	20	60	21
22	RP 23.3X5X7	1	23.3±0.7	5.0±0.3	20.0±0.5	7.0±0.4	0.9±0.3	15	50	22
23	RP 23.5X6.3X10	2	23.5±0.7	6.3±0.5	18.4±0.4	10.0±0.4	1.1±0.3	32	75	23
24	RP 23.5X6.3X15	2	23.5±0.7	6.3±0.5	18.4±0.4	15.0±0.4	1.1±0.3	35	80	24
25	RP 23.8X6.3X7	1	23.8±0.7	6.3±0.5	18.4±0.4	7.0±0.3	1.1±0.3	20	55	25
26	RP 23.8X6.3X15	1	23.8±0.7	6.3±0.5	18.4±0.4	15.0±0.4	1.1±0.3	30	80	26
27	RP 24.5X5X12	1	24.5±0.7	5.0 ⁺⁰ _{-0.7}	20.0±0.5	12.0±0.5	0.8±0.3	25	70	27
28	RP 24.5X5X20	1	24.5±0.7	5.0±0.3	20.0±0.5	20.0±0.6	0.8±0.2	30	75	28
29	RP 25X5X5	1	25.0±0.7	5.0±0.3	21.0±0.5	5.0±0.3	1.2±0.2	15	55	29
30	RP 25X5X12	1	25.0±0.7	5.0±0.4	21.0±0.5	12.0±0.5	1.3±0.2	27	75	30
31	RP 25X7.7X24	1	25.0±0.7	7.7±0.5	18.0±0.4	24.0±0.8	0.9±0.3	80	200	31
32	RP 26X5X6	1	26.0±0.8	5.0±0.3	22.5±0.6	6.0±0.3	0.9±0.3	15	50	32
33	RP 28X3.5X15	1	28.0±0.8	3.5 ^{+0.15} _{-0.25}	24.0±0.4	15.0±0.6	0.5 ^{+0.2} _{-0.15}	30	88	33
34	RP 28X6.5X15	1	28.0±0.8	6.5±0.5	23.0±0.5	15.0±0.6	1.0±0.3	30	85	34

EMI Suppressor Ferrite Cores (for Flat Cable)

**The other specification can be designed & produced also.*

NO	ITEM	Fig.	A	B	C	D	E	IMPEDANCD (Ω) min.		(Z,RS,XL) -f Curve Fig.
								25MHz	100MHz	
35	RP 28X7.7X14.6	3	28.0±0.8	7.7±0.5	23.0±0.5	14.6±0.4	1.4±0.4	38	85	35
36	RP 28X7.7X22	3	28.0±0.8	7.7±0.5	23.0±0.5	22.0±0.6	1.4±0.4	45	90	36
37	RP 28X14X13		28.0±1.0	14±0.4	20.5±0.8	13.0±0.4	7.2±0.5	30	60	37
38	RP 28.5X3.8X12	1	28.5±0.8	3.8±0.3	24.5±0.8	12.0±0.5	1.0±0.3	15	65	38
39	RP 28.5X5X12	1	28.5±0.8	5.0±0.4	24.5±0.8	12.0±0.5	1.0±0.3	25	75	39
40	RP 28.5X6.5X8	1	28.5±0.8	6.5±0.5	23.5±0.5	8.0±0.4	1.0±0.3	15	40	40
41	RP 28.5X6.5X18	1	28.5±0.8	6.5±0.5	23.5±0.5	18.0±0.7	1.0±0.3	40	95	41
42	RP 28.5X8X10	1	28.5±0.8	8.0±0.5	21.0±0.5	10.0±0.4	2.0±0.4	28	67	42
43	RP 28.6X7.7X25	1	28.6±0.8	7.7±0.5	23.6±0.8	25.0±0.8	1.8±0.2	45	95	43
44	RP 28.6X7.7X31	1	28.6±0.8	7.7±0.5	23.6±0.8	31.0±0.8	1.8±0.2	55	105	44
45	RP 29X8X15	1	29.0±0.8	8.0±0.5	22.0±0.6	15.0±0.5	1.98±0.3	30	90	45
46	RP 31X5X9	1	31.0±0.8	5.0±0.4	27.0±0.6	9.0±0.4	0.5 ^{+0.7} _{-0.1}	25	75	46
47	RP 31X5X12	1	31.0±0.8	5.0±0.4	27.0±0.6	12.0±0.5	0.5 ^{+0.7} _{-0.1}	30	85	47
48	RP 31X5X22	1	31.0±0.8	5.0±0.4	27.0±0.6	22.0±0.6	0.5 ^{+0.7} _{-0.1}	46	130	48
49	R3P 31XX8.5X18 P2.34		31.0±0.8	8.5±0.5	27.5±0.6	18.0±0.5	0.65±0.3		125	49
50	RP 32X6.5X9.5	1	32.0±0.6	6.5±0.5	28.0±0.7	9.5±0.5	2.8±0.3	15	50	50
51	RP 32X8X9.7	1	32.0±0.6	8.0±0.5	25.0±0.6	9.7±0.5	1.0±0.3		80	51
52	RP 33.5X3.5X15	1	33.5±0.9	3.5±0.3	27.0±0.6	15.0±0.6	1.4±0.4	21	68	52
53	RP 33.5X4X12	1	33.5±0.9	4.0 ⁺⁰ _{-0.2}	27.0±0.6	12.0±0.5	1.4±0.4	19	60	53
54	RP 33.5X4.5X15	1	33.5±0.9	4.5±0.2	27.0±0.6	15.0±0.6	1.4±0.4	20	60	54
55	RP 33.5X5X12	1	33.5±0.9	5.0±0.4	27.0±0.6	12.0±0.5	1.4±0.4	20	60	55
56	RP 33.5X6X12	1	33.5±0.9	6.0±0.5	30.0±0.8	12.0±0.5	1.1±0.4	25	65	56
57	RP 33.5X6.5X8	1	33.5±0.9	6.5±0.5	27.0±0.6	8.0±0.6	1.4±0.4	15	45	57
58	RP 33.5X6.5X10	1	33.5±0.9	6.5±0.5	27.0±0.6	10.0±0.6	1.4±0.4	24	65	58
59	RP 33.5X6.5X12	1	33.5±0.9	6.5±0.5	27.0±0.6	12.0±0.5	1.4±0.4	25	65	59

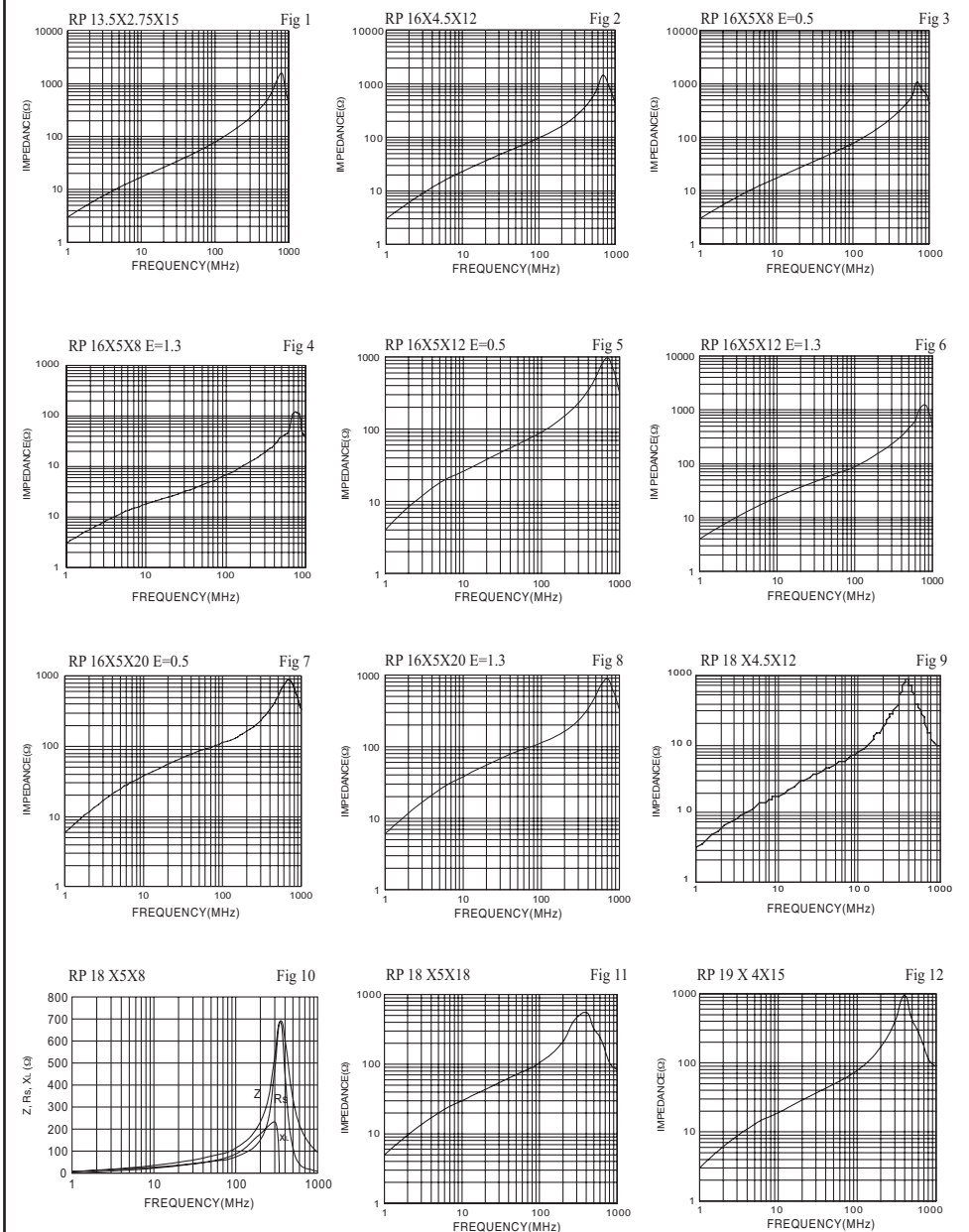
EMI Suppressor Ferrite Cores (for Flat Cable)

*The other specification can be designed & produced also.

NO	ITEM	Fig.	A	B	C	D	E	IMPEDANCE (Ω) min.		(Z,RS,XL) -f Curve Fig.
								25MHz	100MHz	
60	RP 33.5X6.5X15	1	33.5±0.9	6.5±0.5	27.0±0.6	15.0±0.6	1.4±0.4	32	81	60
61	RP 33.5X6.5X20	1	33.5±0.9	6.5±0.5	27.0±0.6	20.0±0.6	1.4±0.4	35	85	61
62	RP 33.5X6.5X22	1	33.5±0.9	6.5±0.5	27.0±0.6	22.0±0.8	1.4±0.4	38	88	62
63	RP 33.5X7.4X10	1	33.5±0.9	7.4±0.5	27.0±0.6	10.0±0.5	2.2±0.4	20	60	63
64	RP 33.5X7.4X15	1	33.5±0.9	7.4±0.5	27.0±0.6	15.0±0.6	2.2±0.3	30	80	64
65	RP 37.7X6X15		37.7±0.9	6.0±0.5	33.7±0.6	15.0±0.6	0.85±0.2	35	90	65
66	RP 38.1X12X25.4	2	38.1±1.0	12.0±0.6	26.7±0.6	25.4±0.8	1.9±0.4	83	145	66
67	RP 38.5X4X12	1	38.5±0.8	4.0±0.3	34.5±0.6	12.0±0.5	0.87 ^{+0.4} _{-0.2}	15	65	67
68	RP 40X4X12	1	40.0±1.0	4.0 ^{+0.5} _{-0.2}	31.0±0.8	12.0±0.5	0.7 ^{+0.5} _{-0.2}	20	65	68
69	RP 40X5X12	1	40.0±1.0	5.0±0.5	35.0±0.8	12.0±0.5	1.43±0.5	15	60	69
70	RP 40X6.5X6	1	40.0±1.0	6.5±0.5	35.0±0.7	6.0±0.3	1.4±0.4	16	50	70
71	RP 40X6.5X12	1	40.0±1.0	6.5±0.5	35.0±0.7	12.0±0.5	1.4±0.4	25	72	71
72	RP 40X6.5X18	1	40.0±1.0	6.5±0.5	35.0±0.7	18.0±0.6	1.4±0.4	25	70	72
73	RP 40X6.5X20	1	40.0±1.0	6.5±0.5	35.0±0.7	20.0±0.6	1.4±0.4	30	80	73
74	RP 40X6.5X22	1	40.0±1.0	6.5±0.5	35.0±0.7	22.0±0.6	1.4±0.4	35	85	74
75	RP 45.1X12.5X11	2	45.1±1.0	12.5±0.5	38.0±0.8	11.0±0.4	2.1±0.4	30	80	75
76	RP 45.1X12.5X28.6	2	45.1±1.0	12.5±0.5	34.5±0.8	28.6±0.8	1.5±0.5	80	165	76
77	RP 45.2X6.5X12	1	45.2±1.0	6.5±0.5	40.0±0.8	12.0±0.5	1.4±0.4	24	72	77
78	RP 46X5X8	1	46 ^{+1.1} _{-0.8}	5.0 ⁺⁰ _{-0.8}	41.5±0.8	8.0±0.3	0.5 ^{+0.1} ₋₀	15	55	78
79	RP 46X5X12	1	46 ^{+1.1} _{-0.8}	5.0 ⁺⁰ _{-0.8}	41.5±0.8	12.0±0.5	0.5 ^{+0.1} ₋₀		44	79
80	RP 49.6X4X12	1	49.6±1.0	4.0±0.2	44.0±0.8	12.0±0.5	1.4±0.4	19	63	80
81	RP 49.6X6.5X12	1	49.6±1.0	6.5±0.5	44.0±0.8	12.0±0.5	1.4±0.4	22	68	81
82	RP 49.6X6.5X25	1	49.6±1.0	6.5±0.5	44.0±0.8	25.0±0.6	1.4±0.4	30	90	82
83	RP 57.6X6.5X12	1	57.6±1.2	6.5±0.5	52.0±1.0	12.0±0.5	1.4±0.4	22	70	83
84	RP 57.9X7X12	1	57.9±1.2	7.0±0.5	52.0±1.0	12.0±0.5	1.3 ^{+0.6} ₋₀	20	60	84

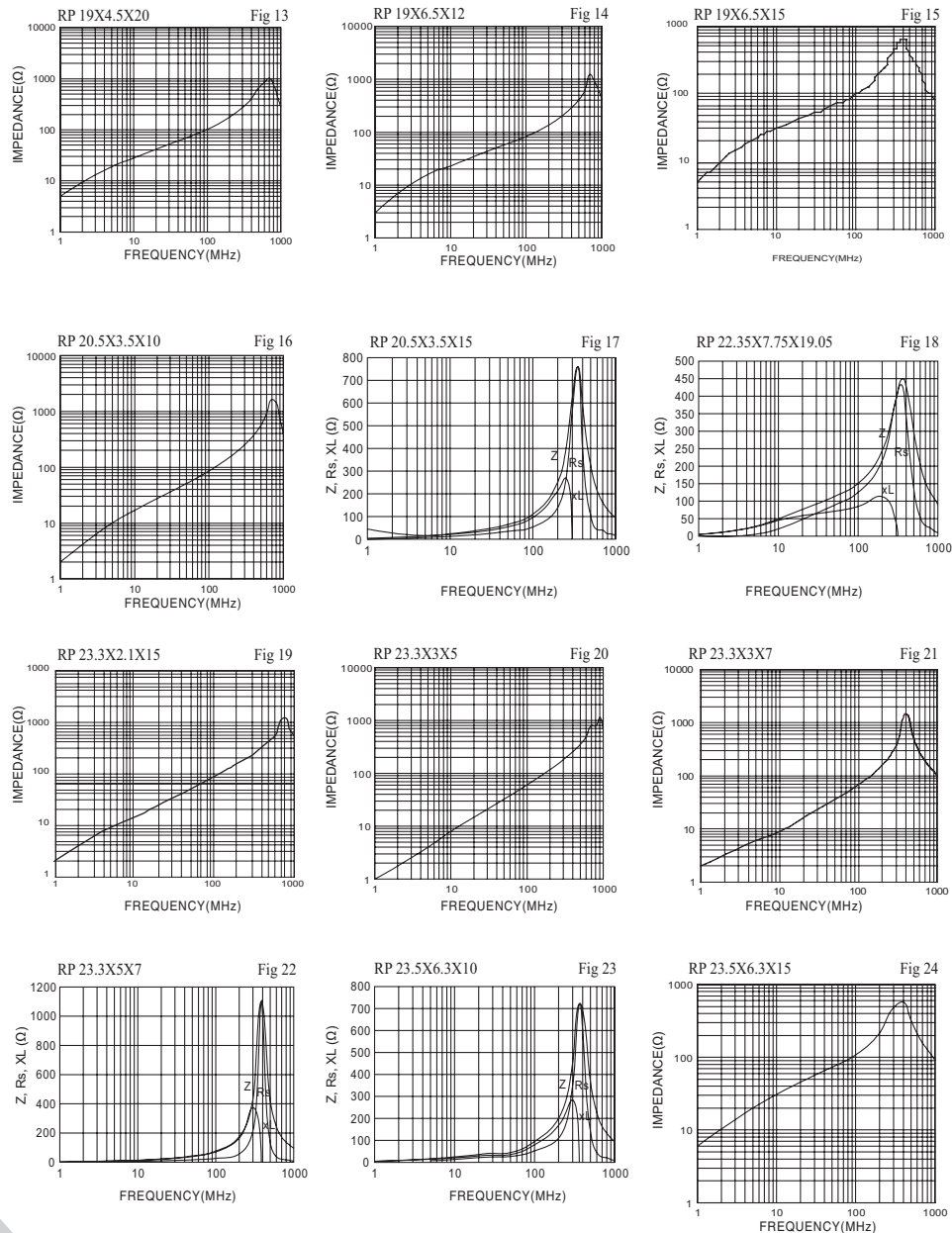
EMI Suppressor Ferrite Cores (for Flat Cable)

*The other specification can be designed & produced also.



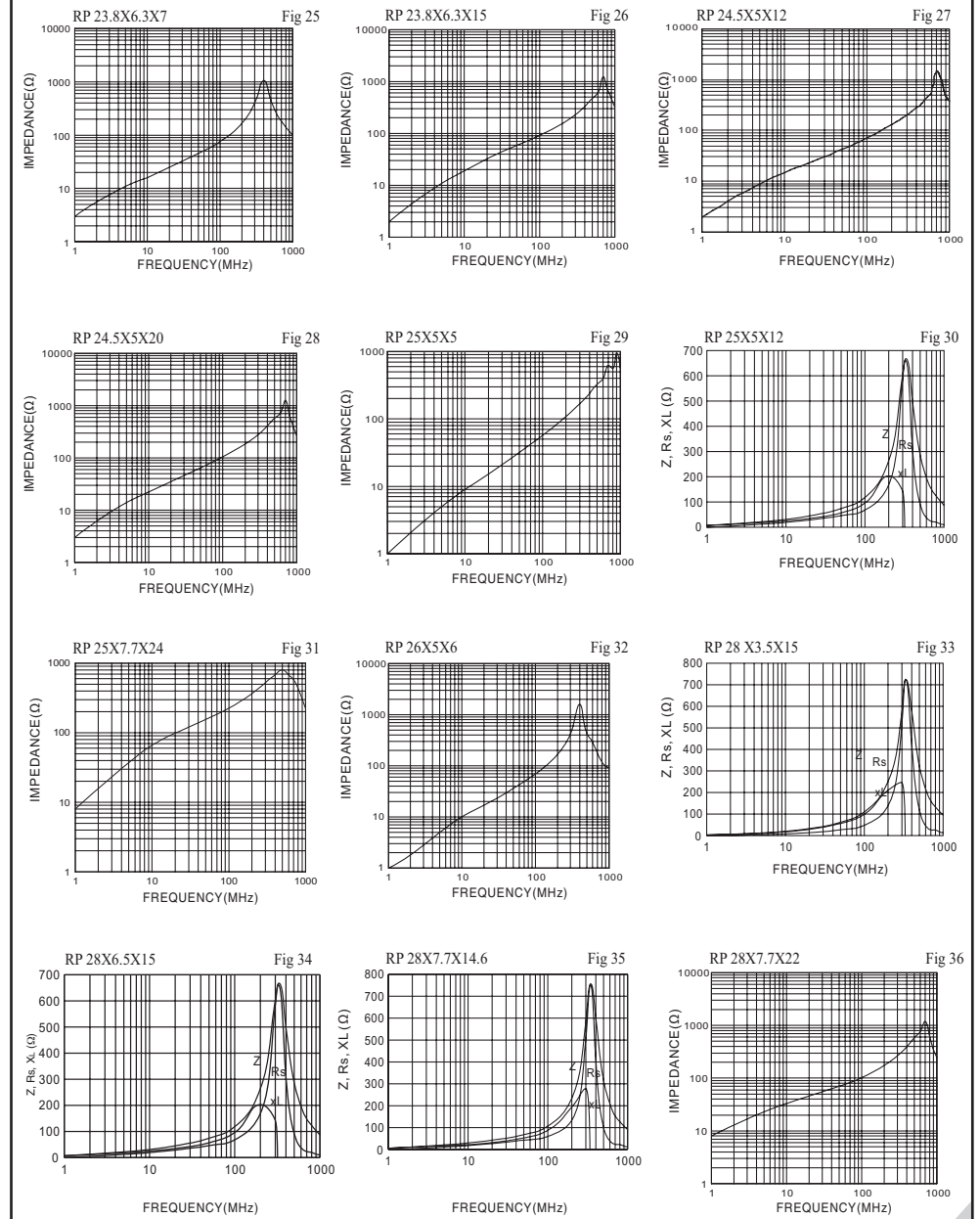
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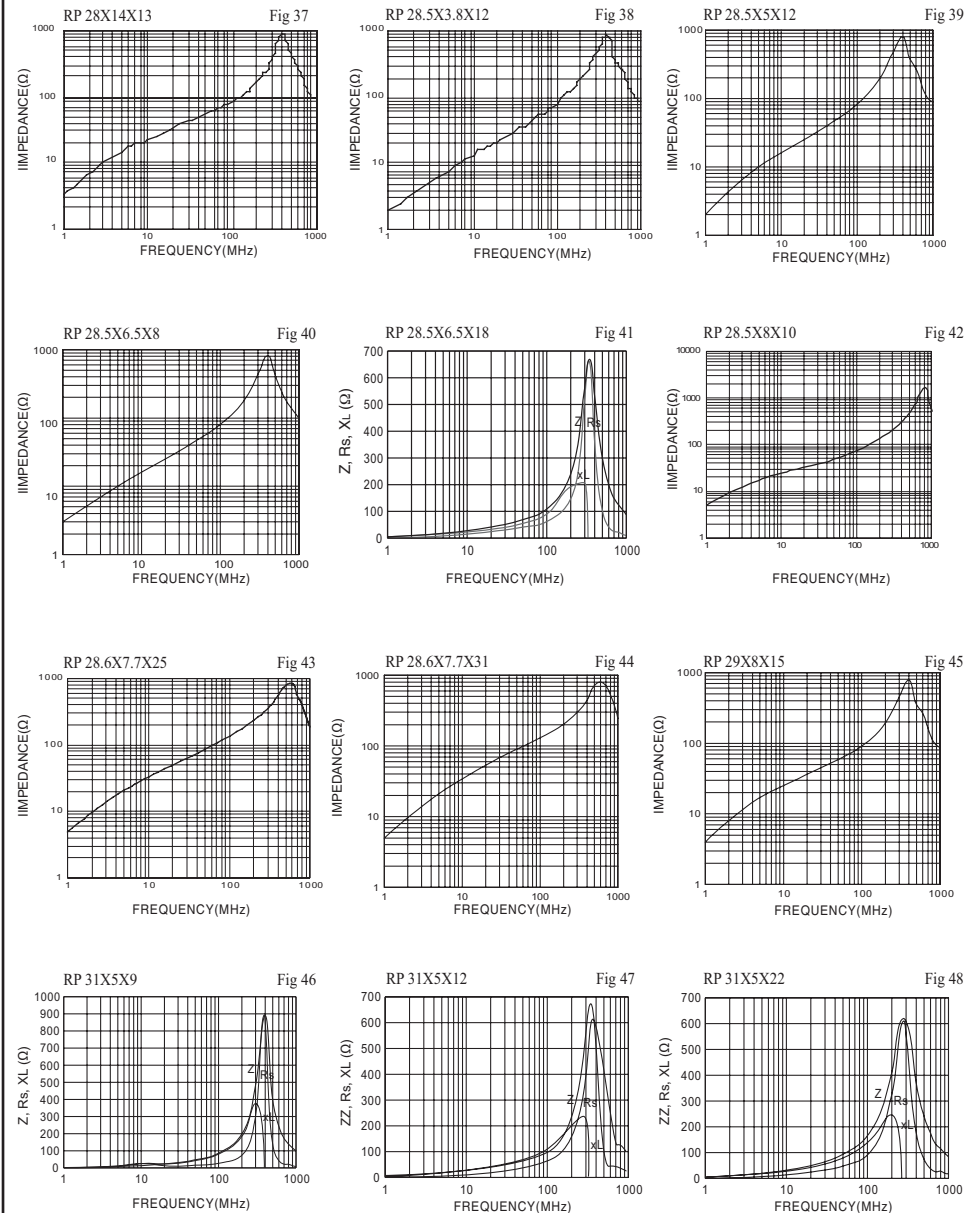
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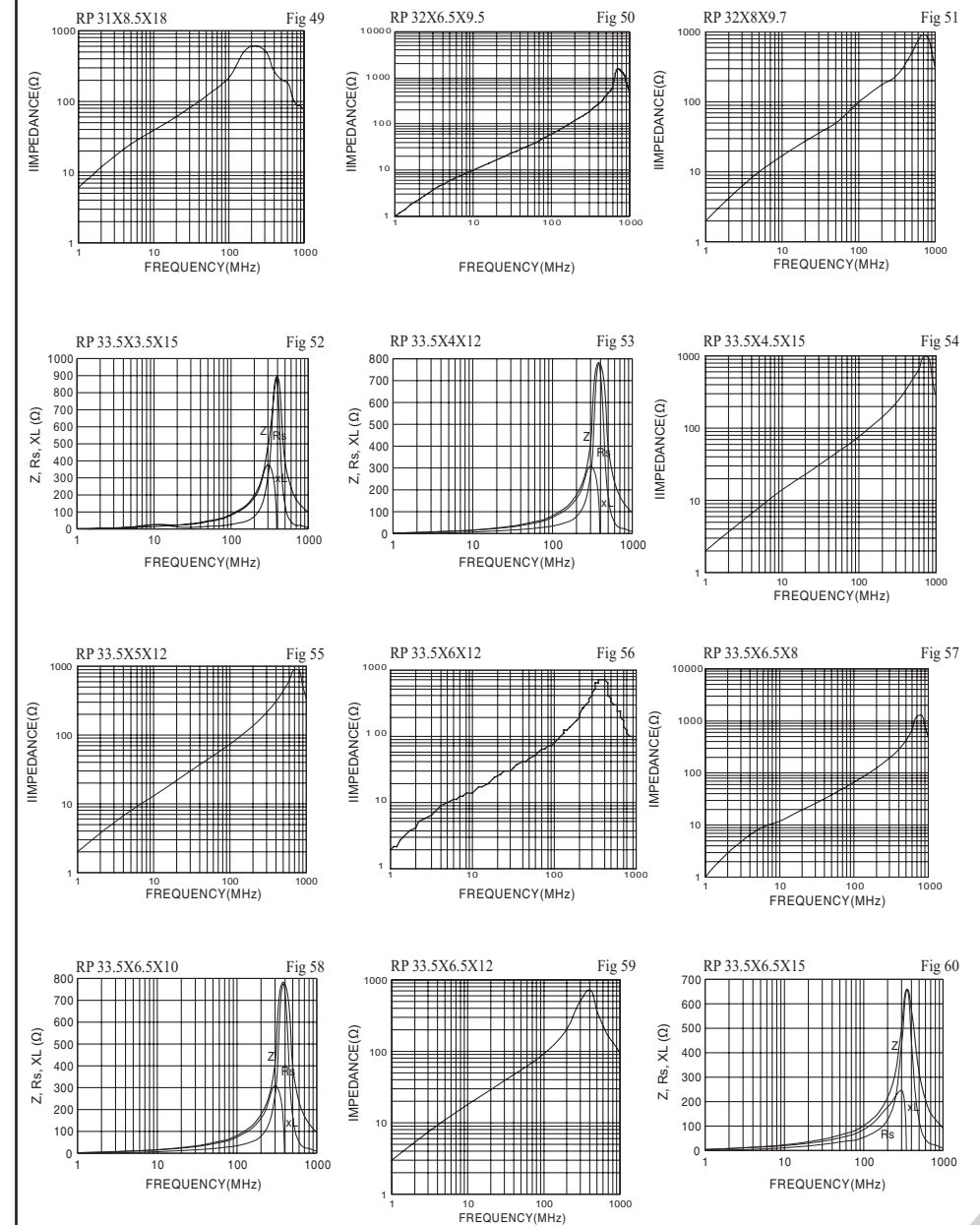
EMI Suppressor Ferrite Cores (for Flat Cable)

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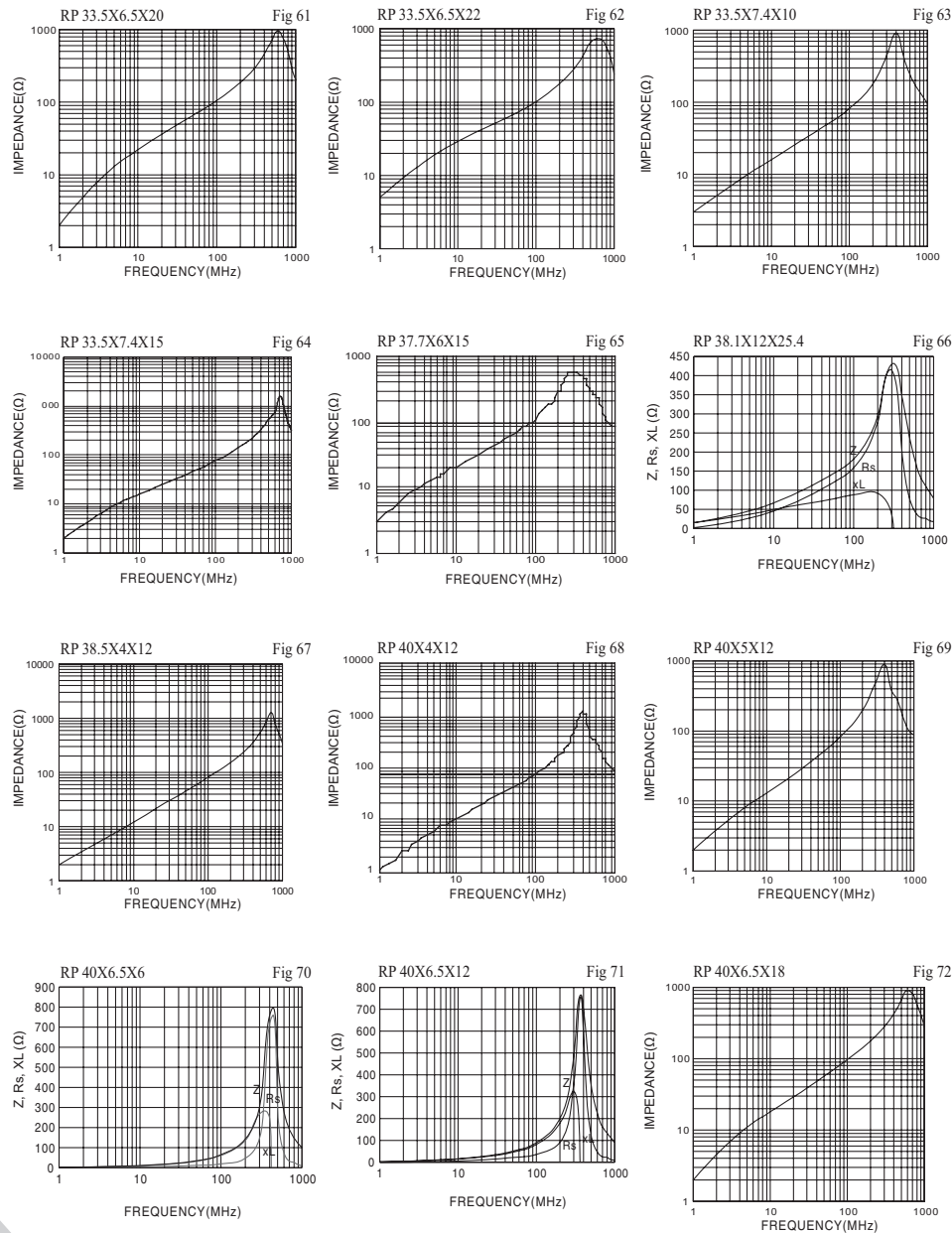
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