

EMC对策用铁氧体磁心 扁平电缆和柔性基板用

SH系列(方形)

特点

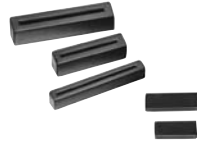
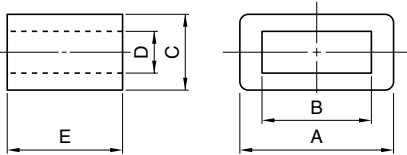
- 作为扁平电缆和柔性基板用的产品，备有一体型和分体型的多个品种。而且，还备有适合狭小空间用的超薄型产品。

用途

影像设备，音响设备，电装设备，通信设备，办公自动化(OA)设备及其他。

- 阻止和吸收自发噪音和侵入噪音
- 防止寄生振荡

形状・尺寸/特性

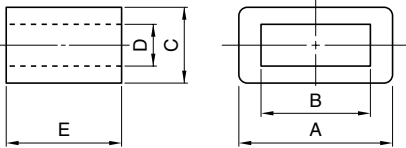


材质特性

材质	初始磁导率 μ	温度系数 $\alpha_{\mu r}$ $\times 10^{-6}/^{\circ}\text{C}$	居里 温度 T_c ($^{\circ}\text{C}$)	饱和磁通密度 $B_s(\text{mT})$
HF70	1500	1 to 6	>100	280[H=1600A/m]
HF57	600	3 to 15	>150	370[H=4000A/m]
HF40	120	8 to 18	>250	410[H=4000A/m]

品名	尺寸 (mm)					阻抗 Z (Ω) [at 23 $^{\circ}\text{C}$]		特点
	A	B	C	D	E	代表 10MHz	代表 100MHz	
HF70SH6X0.6X5	8.5 \pm 0.25	6.0 \pm 0.2	2.0 \pm 0.2	0.6 \pm 0.2	5.0 \pm 0.3	11	25	超薄型
HF70SH7X0.6X8	9.5 \pm 0.3	7.0 \pm 0.3	2.1 \pm 0.25	0.6 \pm 0.2	8.0 \pm 0.3	14	30	超薄型
HF70SH8X0.6X5	10.5 \pm 0.3	8.0 \pm 0.3	2.1 \pm 0.25	0.6 \pm 0.2	5.0 \pm 0.3	10	24	超薄型
HF70SH8X1X18	12.2 \pm 0.3	8.0 \pm 0.3	5.5 \pm 0.3	1.0 \pm 0.3	18.0 \pm 0.5	71	128	
HF70SH9X0.7X10	12.6 \pm 0.3	9.0 \pm 0.3	3.75 \pm 0.3	0.7 \pm 0.3	10.0 \pm 0.3	27	54	
HF70SH10X1X6	14.0 \pm 0.3	10.0 \pm 0.3	5.0 \pm 0.3	1.0 \pm 0.3	6.0 \pm 0.3	20	37	
HF40SH10X0.6X3-G	12.5 \pm 0.3	10.0 \pm 0.3	2.1 \pm 0.25	0.6 \pm 0.2	3.0 \pm 0.2	3	21	超薄型
HF70SH10X0.6X5	12.5 \pm 0.3	10.0 \pm 0.3	2.1 \pm 0.25	0.6 \pm 0.2	5.0 \pm 0.3	8	23	超薄型
HF70SH11X0.7X8	13.5 \pm 0.3	11.0 \pm 0.3	2.75 \pm 0.3	0.7 \pm 0.3	8.0 \pm 0.3	15	32	超薄型
HF70SH12X0.9X12	16.0 \pm 0.3	12.0 \pm 0.3	4.65 \pm 0.7	0.9 \pm 0.1	12.0 \pm 0.4	31	58	
HF70SH13X0.7X3A	17.0 \pm 0.5	13.0 \pm 0.4	2.3 \pm 0.25	0.7 \pm 0.2	3.0 \pm 0.2	5	19	超薄型
HF70SH13X0.7X7	17.0 \pm 0.5	13.0 \pm 0.4	2.75 \pm 0.3	0.7 \pm 0.3	7.0 \pm 0.4	12	36	超薄型
HF70SH13X0.7X10	17.0 \pm 0.5	13.0 \pm 0.4	2.75 \pm 0.3	0.7 \pm 0.3	10.0 \pm 0.4	17	40	超薄型
HF70SH13X0.7X12	17.0 \pm 0.5	13.0 \pm 0.4	2.75 \pm 0.3	0.7 \pm 0.3	12.0 \pm 0.4	19	45	超薄型
HF70SH13X1.3X12	17.0 \pm 0.5	13.0 \pm 0.4	3.5 \pm 0.3	1.3 \pm 0.3	12.0 \pm 0.4	19	41	
HF70SH15X0.7X8	17.5 \pm 0.4	15.0 \pm 0.3	2.75 \pm 0.3	0.7 \pm 0.3	8.0 \pm 0.3	12	36	超薄型
HF40SH15X0.7X8-G	17.5 \pm 0.4	15.0 \pm 0.3	2.75 \pm 0.3	0.7 \pm 0.3	8.0 \pm 0.3	4.5	34	超薄型
HF70SH15X0.7X10	17.5 \pm 0.4	15.0 \pm 0.3	2.75 \pm 0.3	0.7 \pm 0.3	10.0 \pm 0.3	14	40	超薄型
HF70SH17.5X0.6X8	20.5 \pm 0.4	17.5 \pm 0.4	2.0 \pm 0.2	0.6 \pm 0.2	8.0 \pm 0.3	8	33	超薄型
HF40SH18.5X0.7X8-G	21.5 \pm 0.4	18.5 \pm 0.4	3.0 \pm 0.3	0.7 \pm 0.3	8.0 \pm 0.3	5	36	超薄型
HF70SH18.5X0.7X6	21.5 \pm 0.4	18.5 \pm 0.4	3.0 \pm 0.3	0.7 \pm 0.3	6.0 \pm 0.3	9	27	超薄型
HF70SH18.5X0.7X8	21.5 \pm 0.4	18.5 \pm 0.4	3.0 \pm 0.3	0.7 \pm 0.3	8.0 \pm 0.3	11	33	超薄型
HF70SH18.8X1.1X15	23.8 \pm 0.4	18.8 \pm 0.4	6.3 \pm 0.4	1.1 \pm 0.2	15.0 \pm 0.5	38	75	
HF70SH18.8X1.1X7	23.8 \pm 0.4	18.8 \pm 0.4	6.3 \pm 0.4	1.1 \pm 0.2	7.0 \pm 0.5	19	41	
HF70SH20X0.5X8	22.6 \pm 0.4	20.0 \pm 0.4	1.8 \pm 0.25	0.5 \pm 0.2	8.0 \pm 0.3	8	35	超薄型
HF70SH20X0.7X12	23.0 \pm 0.6	20.0 \pm 0.6	3.0 \pm 0.4	0.7 \pm 0.4	12.0 \pm 0.5	15	50	超薄型
HF70SH20X0.7X8	23.0 \pm 0.6	20.0 \pm 0.6	3.0 \pm 0.4	0.7 \pm 0.4	8.0 \pm 0.5	12	37	超薄型
HF70SH20X0.9X12	23.0 \pm 0.6	20.0 \pm 0.6	3.0 \pm 0.4	0.9 \pm 0.2	12.0 \pm 0.5	14	40	超薄型
HF70SH21X0.8X7	25.0 \pm 0.8	21.0 \pm 0.7	5.0 \pm 0.5	0.8 \pm 0.4	7.0 \pm 0.5	16	45	
HF70SH21X0.8X12	25.0 \pm 0.8	21.0 \pm 0.7	5.0 \pm 0.5	0.8 \pm 0.4, -0.3	12.0 \pm 0.5	22	53	
HF70SH22X0.8X7	26.0 \pm 0.8	22.0 \pm 0.7	5.0 \pm 0.5	0.8 \pm 0.4	7.0 \pm 0.5	15	40	
HF70SH25X0.7X10	28.6 \pm 0.4	25.0 \pm 0.5	3.75 \pm 0.4	0.7 \pm 0.3	10.0 \pm 0.3	14	47	
HF70SH25X1X15	31.0 \pm 0.5	25.0 \pm 0.5	7.0 \pm 0.3	1.0 \pm 0.3	15.0 \pm 0.8	36	80	
HF70SH27X1.3X10	33.5 \pm 0.8	27.0 \pm 0.8	6.5 \pm 0.4	1.3 \pm 0.3	10.0 \pm 0.5	21	55	
HF70SH28X0.7X12	32.0 \pm 0.8	28.0 \pm 0.8	3.5 \pm 0.4	0.7 \pm 0.4	12.0 \pm 0.5	16	58	
HF70SH28X2X10	34.0 \pm 0.5	28.0 \pm 0.5	7.5 \pm 0.5	2.0 \pm 0.2	10.0 \pm 0.3	23	53	
HF70SH32X2X12.5	40.0 \pm 1.0	32.0 \pm 1.0	10.0 \pm 0.5	2.0 \pm 0.5	12.5 \pm 0.5	27	64	
HF70SH32X2X25	40.0 \pm 1.0	32.0 \pm 1.0	10.0 \pm 0.5	2.0 \pm 0.5	25.0 \pm 1.0	52	120	

形状・尺寸 / 特性

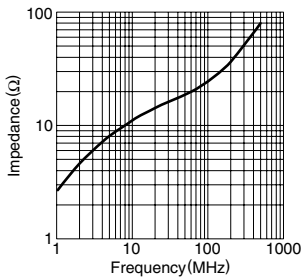


品名	尺寸 (mm)					阻抗 Z (Ω)[at 23°C]		特点
	A	B	C	D	E	代表 10MHz	代表 100MHz	
HF70SH35X0.8X8	39.0±0.8	35.0±0.8	4.0±0.5	0.8±0.5	8.0±0.5	10	40	
HF70SH35X0.8X12	39.0±0.8	35.0±0.8	4.0±0.5	0.8±0.5	12.0±0.5	15	60	
HF70SH35X1.3X12	40.0±1.0	35.0±1.0	6.5±0.4	1.3±0.3	12.0±0.5	19	58	
HF70SH40X1.3X8	46.5±1.0	40.0±1.0	6.5±0.4	1.3±0.3	8.0±0.4	12	41	
HF70SH40X2X12	50.0+0, -2.0	40.0+2.0, -0	12.0±0.5	2.0±0.5	12.0±1.0	25	60	
HF70SH41X0.8X12	46.0±1.0	41.0±1.0	4.5±0.5	0.8±0.5, -0.2	12.0±0.5	16	60	
HF70SH42X0.9X12	47.0±1.0	42.0±0.8	4.6±0.5	0.95±0.35	12.0±0.5	14	55	
HF70SH46X1.9X10	53.0±1.0	46.0±1.0	7.1±0.6	1.9±0.5	10.0±0.5	15	48	
HF70SH46X1.9X13	56.0±1.0	46.0±1.0	12.0±0.5	1.9±0.5	13.0±0.5	29	73	
HF70SH52X1X12	57.0±1.0	52.0±1.0	5.0±0.5	1.0±0.5	12.0±0.5	16	62	

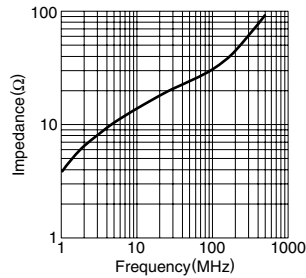
电气特性例

阻抗频率特性

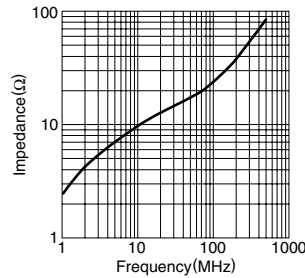
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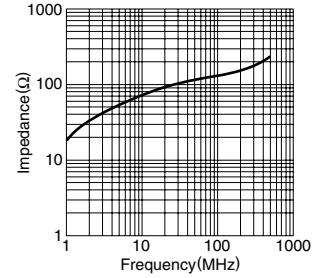
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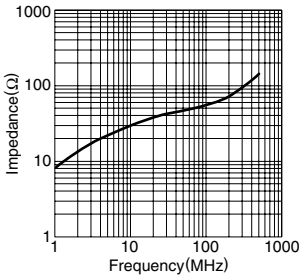
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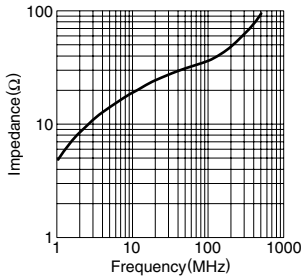
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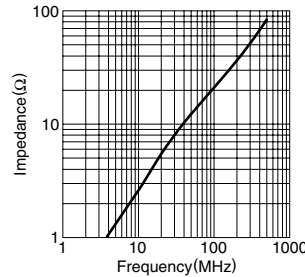
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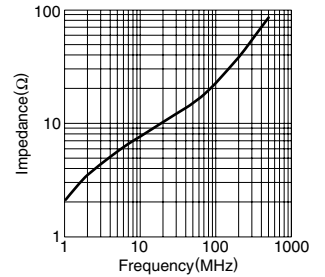
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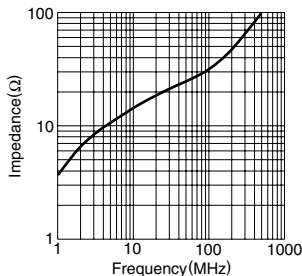
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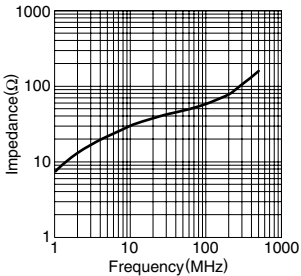
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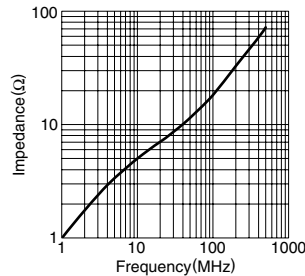
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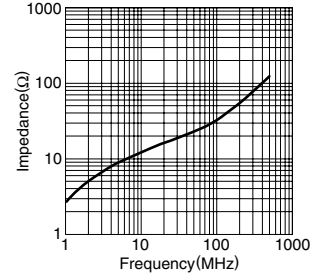
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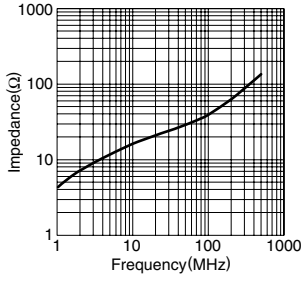
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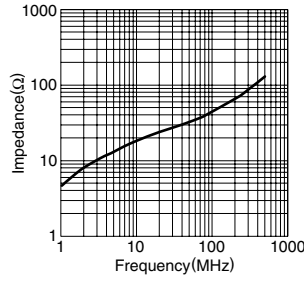
电气特性例

阻抗频率特性

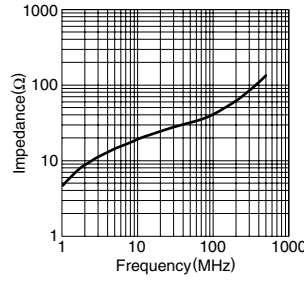
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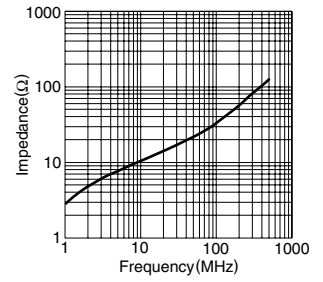
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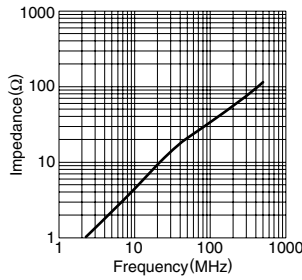
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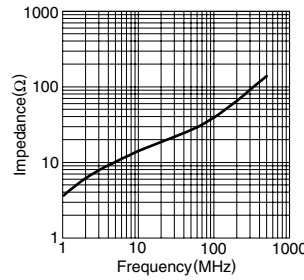
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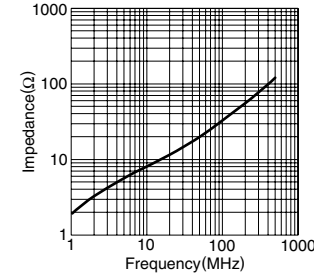
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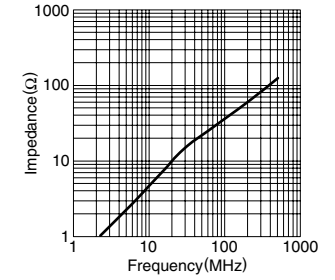
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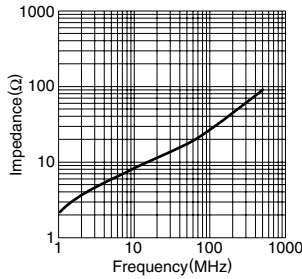
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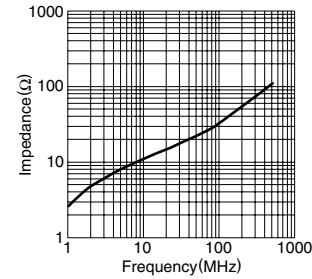
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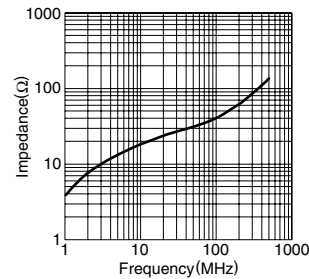
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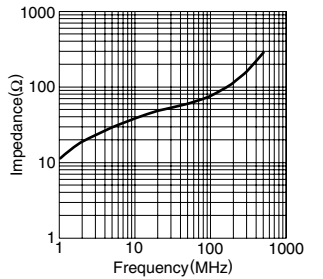
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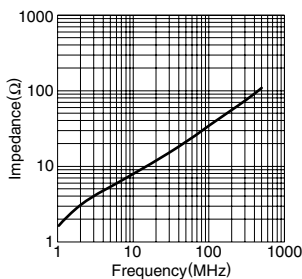
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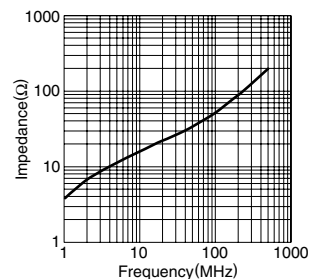
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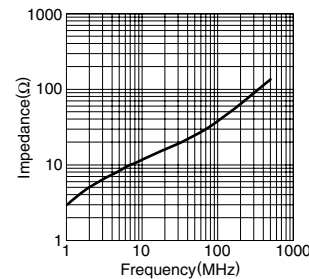
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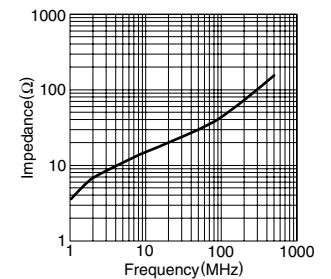
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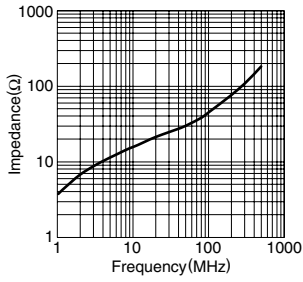


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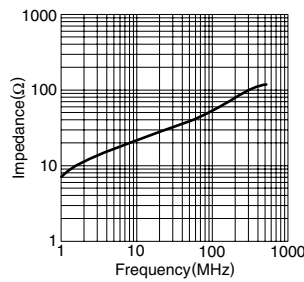


电气特性例
阻抗频率特性

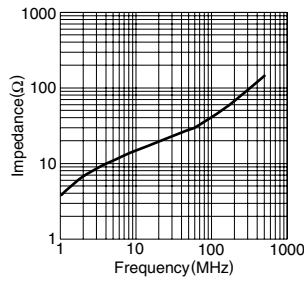
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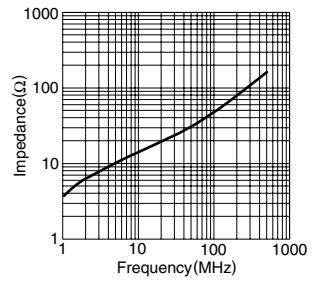
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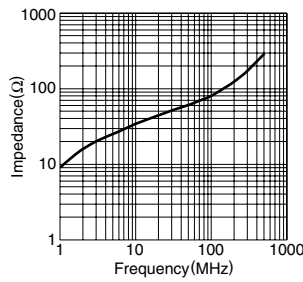
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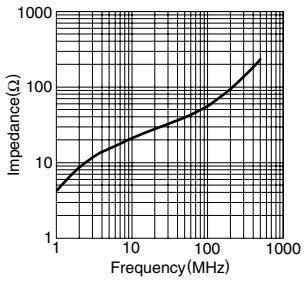
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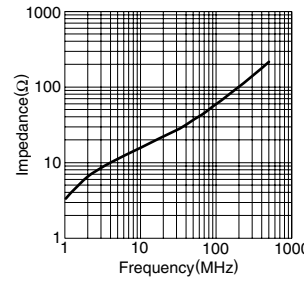
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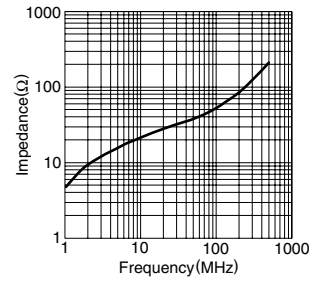
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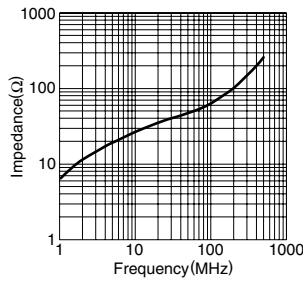
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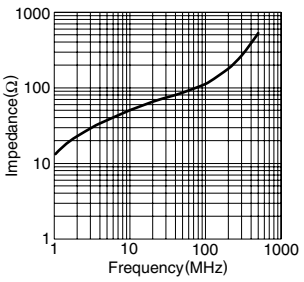
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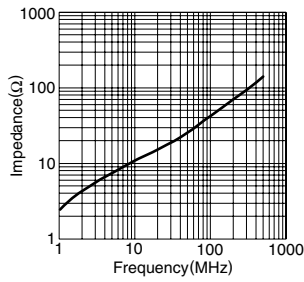
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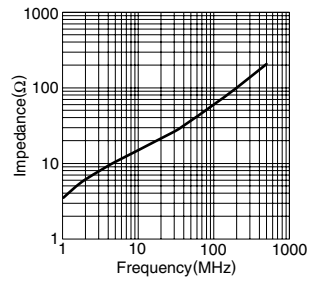
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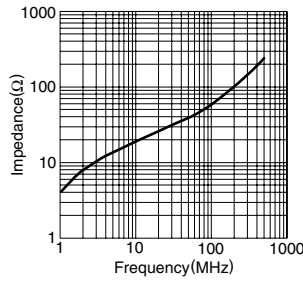
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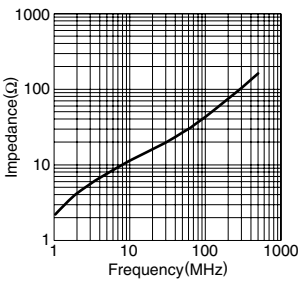
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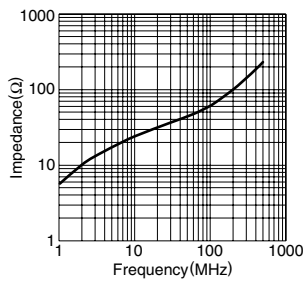
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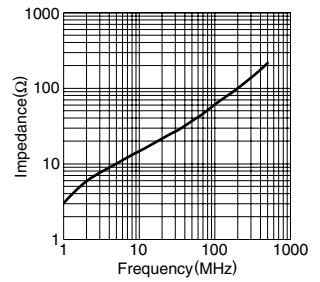
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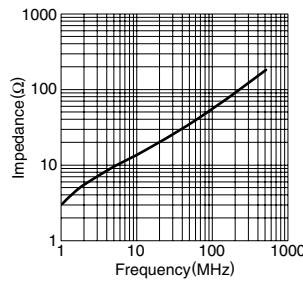
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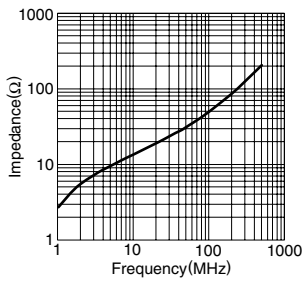
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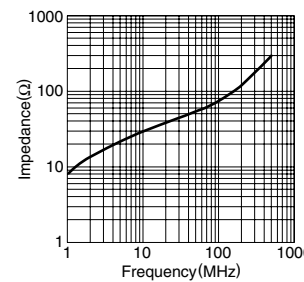
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HF70SH46X1.9X13



HF70SH52X1X12

