

EMC对策用铁氧体 圆形电缆用

T系列（环形）

Issue date: May 2011

●记载内容，在没有予告的情况下有可能改进和变更，请予以谅解。

●RoHS指令的对应：表示除了依据EU Directive 2002/95/EC免除的用途之外，未使用铅，镉，汞，六价铬及特定溴系难燃剂PBB，PBDE等。

EMC对策用铁氧体磁心 圆形电缆用

T系列(环形)

特点

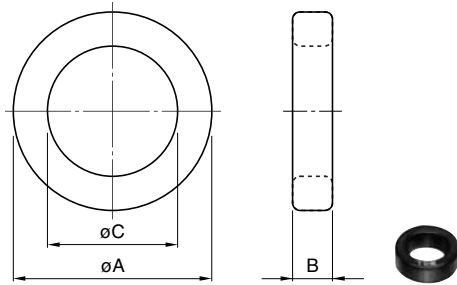
- 作为圆形电缆用的产品, 备有各种形状和材质的丰富品种。此外, 卷绕数圈即可简单发挥噪音对策效果。

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

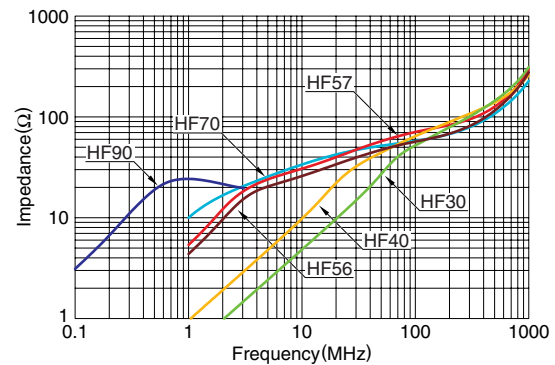


材质特性

材质	初始磁导率 μ_i	温度系数 $\alpha_{\mu ir} \times 10^{-6}/^{\circ}\text{C}$	居里温度 $T_c(^{\circ}\text{C})$	饱和磁通密度 B_s (mT)	固有电阻 ρ ($\Omega \cdot \text{m}$)
HF90	5000	0 to 9	>165	485[H=1194A/m]	0.3
HF70	1500	1 to 6	>100	280[H=1600A/m]	10^5
HF57	600	3 to 15	>150	370[H=4000A/m]	10^5
HF56	600	18 to 28	>130	290[H=4000A/m]	10^5
HF40	120	8 to 18	>250	410[H=4000A/m]	10^5
HF30	45	5 to 15	>300	320[H=4000A/m]	10^5

不同材质的阻抗特性例

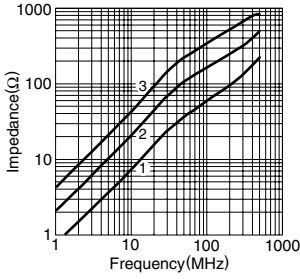
形状: T20X10X12



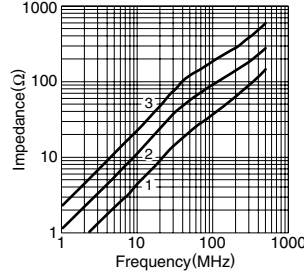
品名	尺寸 (mm)			阻抗 $Z(\Omega)$ [at 23°C]					
	ϕA	B	ϕC	HF40		HF70		HF90	
				10MHz	100MHz	10MHz	100MHz	0.1MHz	1MHz
T8X4X4	8.0±0.2	4.0±0.2	4.0±0.2	7	60	21	36	—	—
T10X3X6	10.0±0.3	3.0±0.2	6.0±0.2	5	38	10	20	—	—
T10X5X5	10.0±0.3	5.0±0.3	5.0±0.25	—	—	23	39	—	—
T12X8X7.3	12.0±0.3	8.0±0.3	7.3±0.2	—	—	28	47	—	—
T14X5X8	14.0±0.3	5.0±0.2	8.0±0.3	—	—	—	—	1	12
T14X7X8	14.0±0.3	7.0±0.2	8.0±0.3	8	65	29	48	2	18
T16X8X12	16.0±0.4	8.0±0.3	12.0±0.3	6	48	18	31	—	—
T18X6X10	18.0±0.4	6.0±0.2	10.0±0.3	7	61	24	51	2	16
T18X10X10	18.0±0.4	10.0±0.3	10.0±0.3	14	90	36	69	3	29
T20X10X12	20.0±0.4	10.0±0.3	12.0±0.3	10	65	34	58	—	—
T22X6.5X14	22.0±0.4	6.5±0.3	14.0±0.3	7	53	20	39	2	13
T22X10X14	22.0±0.4	10.0±0.3	14.0±0.3	9	62	30	60	3	22
T25X8X15	25.0±0.4	8.0±0.3	15.0±0.3	—	—	—	—	3	19
T25X13X15	25.0±0.4	13.0±0.3	15.0±0.3	11	93	45	80	4	32
T28X8X16	28.0±0.4	8.0±0.3	16.0±0.4	—	—	—	—	3	20
T28X13X16	28.0±0.4	13.0±0.3	16.0±0.4	13	90	51	90	4	29
T29X7.5X19	29.0±0.4	7.5±0.3	19.0±0.5	—	—	23	47	—	—
T31X8X19	31.0±0.5	8.0±0.4	19.0±0.5	8	61	28	52	—	—
T31X13X19	31.0±0.5	13.0±0.3	19.0±0.5	14	90	45	80	—	—
T38X14X22	38.0±0.8	14.0±0.3	22.0±0.5	—	—	—	—	6	23
T44.5X13X30	44.5±1.1	13.0±0.3	30.0±0.8	—	—	—	—	4	18
T62X13X39	62.5±1.3	13.5±0.3	39.0±0.8	—	—	—	—	5	13
T80X20X50	80.0±1.6	20.0±0.5	50.0±1.0	—	—	—	—	8	15
T104X20X80	104.0±2.1	20.0±0.5	80.0±1.6	—	—	—	—	4	10

- 阻抗值为参考值。
- — 表示没有该组合的形状。
- 标准品以外的材质, 形状同样品种齐全, 欢迎商洽。
- 备有安装了评价用磁心的全套样品 (EMC-A201/EMC-A202/EMC-A203/EMC-A204)。

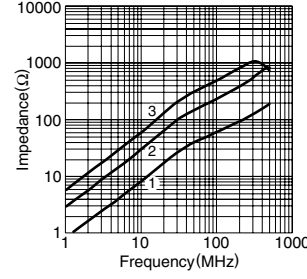
电气特性例
阻抗频率特性
HF40T8X4X4



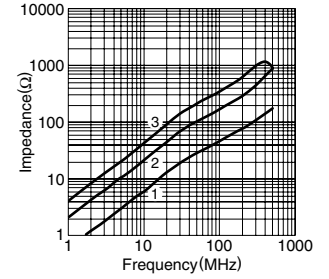
HF40T10X3X6



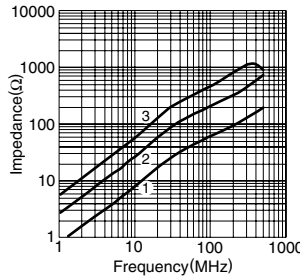
HF40T14X7X8



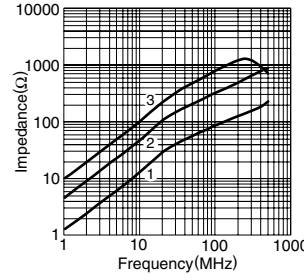
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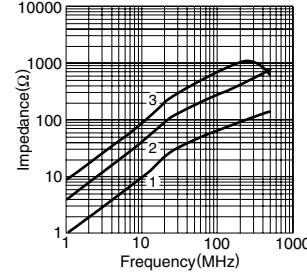
HF40T18X6X10



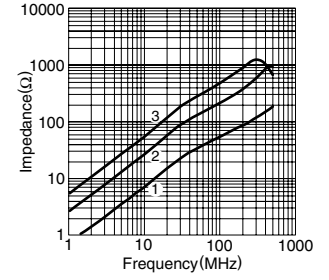
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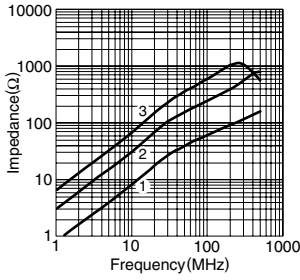
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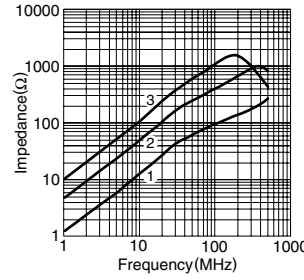
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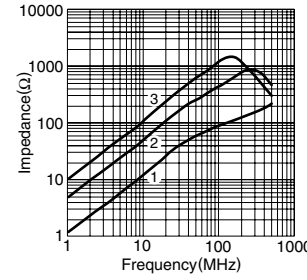
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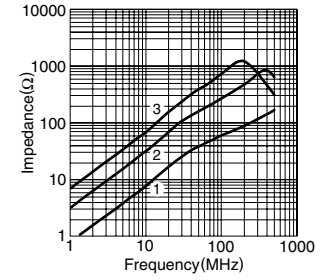
HF40T25X13X15



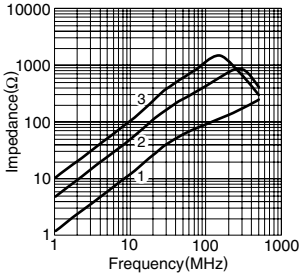
HF40T28X13X16



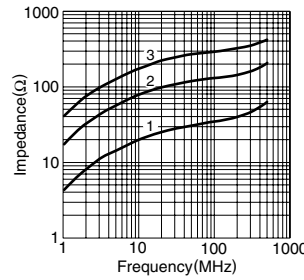
HF40T31X8X19



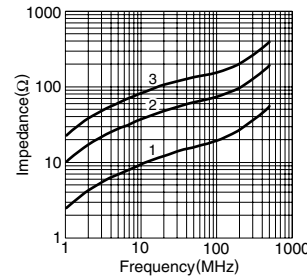
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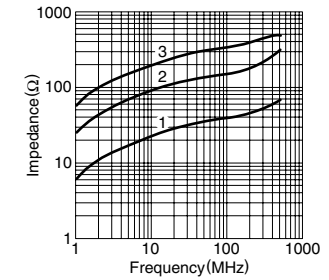
HF70T8X4X4



HF70T10X3X6

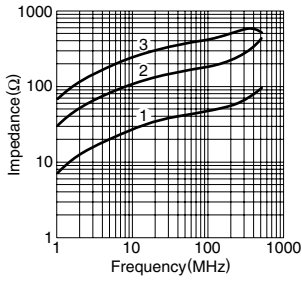


HF70T10X5X5

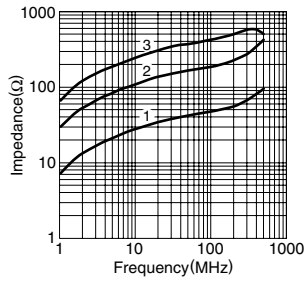


电气特性例
阻抗频率特性

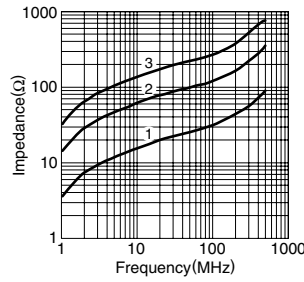
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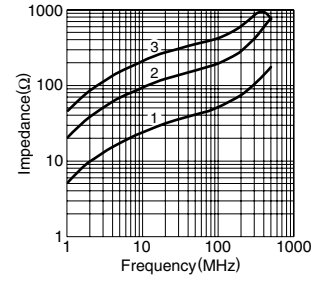
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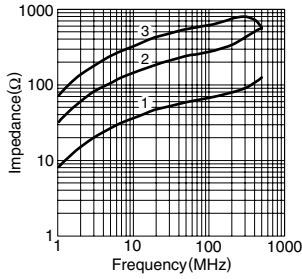
HF70T16X8X12



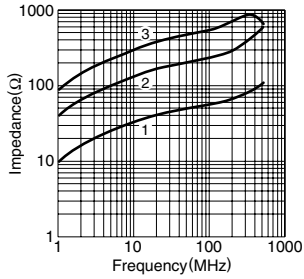
HF70T18X6X10



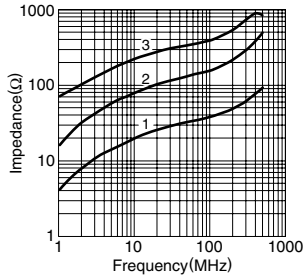
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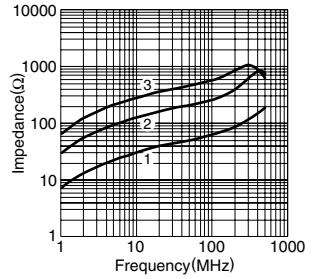
HF70T20X10X12



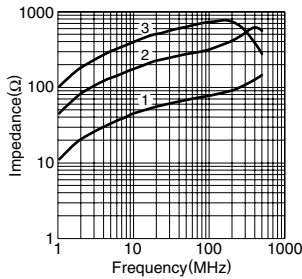
HF70T22X6.5X14



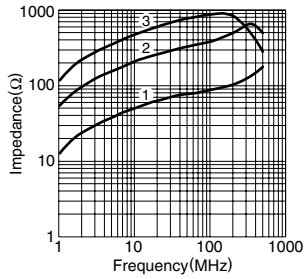
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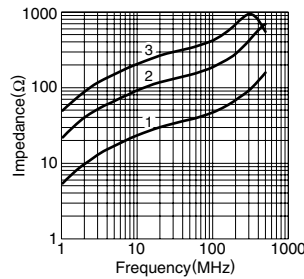
HF70T25X13X15



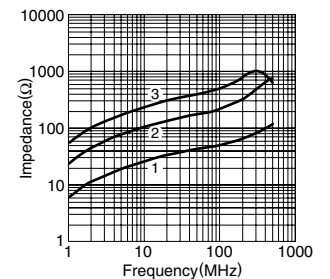
HF70T28X13X16



HF70T29X7.5X19



HF70T31X8X19



HF70T31X13X19

