

# EMC对策用铁氧体 圆形电缆用

RH系列（圆柱形）

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

## RH系列 (圆柱形)

### 特点

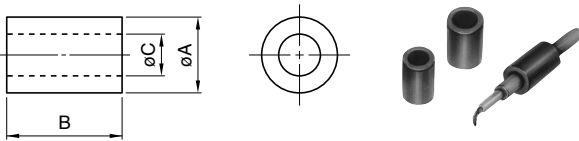
- 作为圆形电缆用的产品，备有一体型和分体型两种。分体型无需拆除或切断原有电缆即可直接安装。

### 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

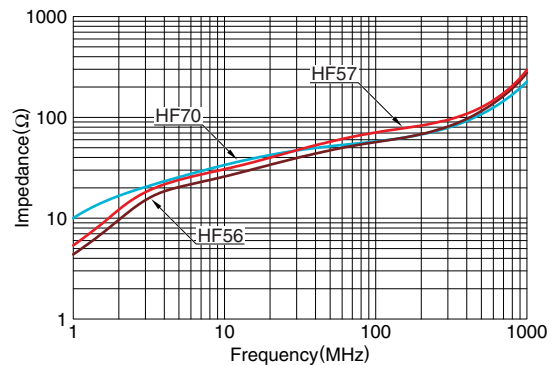


### 材质特性

材质	初始磁导率 $\mu_i$	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 $B_s(\text{mT})$
HF70	1500	1 to 6	>100	280[H=1600A/m]
HF57	600	3 to 15	>150	370[H=4000A/m]
HF56	600	18 to 28	>130	290[H=4000A/m]

### 不同材质的阻抗特性例

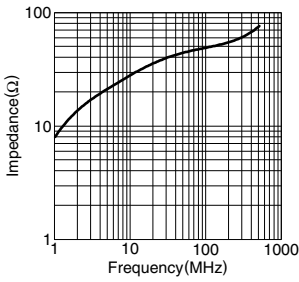
形状：T20X10X12



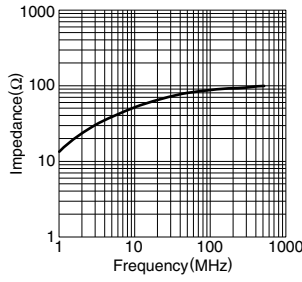
品名	尺寸 (mm)			阻抗 $Z(\Omega)$ [at 23 $^{\circ}\text{C}$ ]	
	A	B	C	代表 10MHz	代表 100MHz
HF70RH7X8X4	7.0 $\pm$ 0.3	8.0 $\pm$ 0.3	4.0 $\pm$ 0.2	28	49
HF70RH7X14X4	7.0 $\pm$ 0.3	14.0 $\pm$ 0.5	4.0 $\pm$ 0.2	52	85
HF70RH8X8X4	8.0 $\pm$ 0.2	8.0 $\pm$ 0.2	4.0 $\pm$ 0.2	39	63
HF70RH8X9X4	8.0 $\pm$ 0.2	9.0 $\pm$ 0.3	4.0 $\pm$ 0.2	44	72
HF70RH8X15X4	8.0 $\pm$ 0.3	15.0 $\pm$ 0.4	4.0 $\pm$ 0.25	70	113
HF70RH8X20X4	8.0 $\pm$ 0.3	20.0 $\pm$ 0.5	4.0 $\pm$ 0.25	92	151
HF70RH10X20X5	10.0 $\pm$ 0.3	20.0 $\pm$ 0.5	5.0 $\pm$ 0.2	81	154
HF70RH12X15X7.3	12.0 $\pm$ 0.3	15.0 $\pm$ 0.5	7.3 $\pm$ 0.2	44	83
HF70RH12.3X20X7	12.3 $\pm$ 0.3	20.0 $\pm$ 0.5	7.0 $\pm$ 0.2	75	124
HF70RH13X20X5	13.0 $\pm$ 0.3	20.0 $\pm$ 0.5	5.0 $\pm$ 0.2, -0	127	210
HF70RH14X14X10	14.0 $\pm$ 0.3	14.0 $\pm$ 0.3	10.0 $\pm$ 0.25	33	60
HF70RH14.3X14.3X6.35	14.3 $\pm$ 0.3	14.3 $\pm$ 0.3	6.35 $\pm$ 0.2	70	130
HF70RH14.3X28.6X6.35	14.3 $\pm$ 0.3	28.6 $\pm$ 1.0	6.35 $\pm$ 0.2	125	210
HF70RH14X28X8	14.0 $\pm$ 0.5	28.0 $\pm$ 1.0	8.0 $\pm$ 0.5	110	185
HF70RH16X12X9.1	16.0 $\pm$ 0.3	12.0 $\pm$ 0.4	9.1 $\pm$ 0.3, -0	45	74
HF70RH16X15X9	16.0 $\pm$ 0.3	15.0 $\pm$ 0.4	9.0 $\pm$ 0.2	46	103
HF70RH16X17X9	16.0 $\pm$ 0.5	17.0 $\pm$ 0.5	9.0 $\pm$ 0.5	60	120
HF70RH16X28X9	16.0 $\pm$ 0.5	28.0 $\pm$ 1.0	9.0 $\pm$ 0.5	100	185
HF70RH16X28X10	16.0 $\pm$ 0.3	28.0 $\pm$ 0.7	10.0 $\pm$ 0.25	70	130
HF70RH17.4X28.57X9.5	17.4 $\pm$ 0.5	28.57 $\pm$ 1.0	9.5 $\pm$ 0.5	90	200
HF70RH19X29X13	19.0 $\pm$ 0.5	29.0 $\pm$ 1.0	13.0 $\pm$ 0.5	80	145
HF70RH26X29X13	26.0 $\pm$ 0.5	29.0 $\pm$ 1.0	13.0 $\pm$ 0.5	145	220
HF56RH10X20X5	10.0 $\pm$ 0.3	20.0 $\pm$ 0.4	5.0 $\pm$ 0.2	69	145
HF56RH12X15X7.3	12.0 $\pm$ 0.3	15.0 $\pm$ 0.5	7.3 $\pm$ 0.2	37	81
HF56RH12.3X20X7	12.3 $\pm$ 0.3	20.0 $\pm$ 0.5	7.0 $\pm$ 0.2	54	117
HF56RH13X20X5	13.0 $\pm$ 0.3	20.0 $\pm$ 0.5	5.0 $\pm$ 0.2, -0.1	92	193
HF56RH14.3X14.3X6.35	14.3 $\pm$ 0.3	14.3 $\pm$ 0.3	6.35 $\pm$ 0.2	58	122
HF56RH14.3X28.6X6.35	14.3 $\pm$ 0.3	28.6 $\pm$ 0.7	6.35 $\pm$ 0.2	115	241
HF56RH16X28X9	16.0 $\pm$ 0.3	28.0 $\pm$ 0.7	9.0 $\pm$ 0.3	80	170
HF56RH17.4X28.57X9.5	17.44 $\pm$ 0.35	28.57 $\pm$ 0.7	9.52 $\pm$ 0.25	84	184

电气特性例  
阻抗频率特性

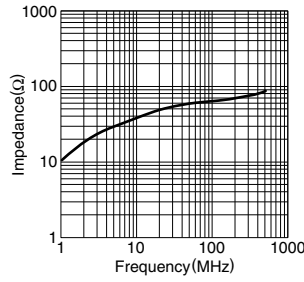
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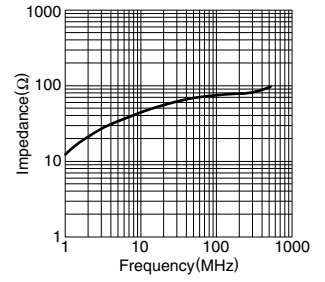
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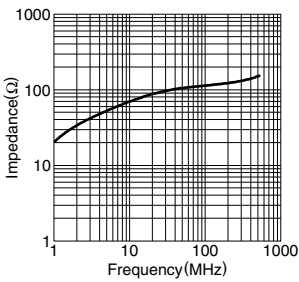
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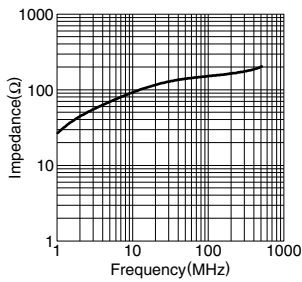
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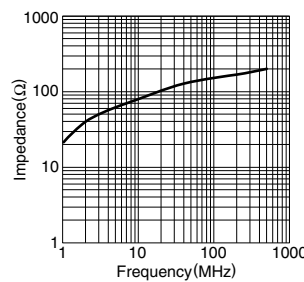
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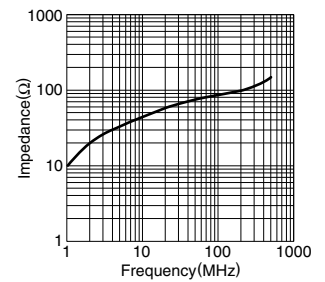
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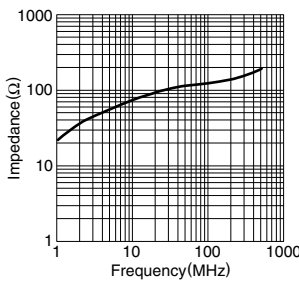
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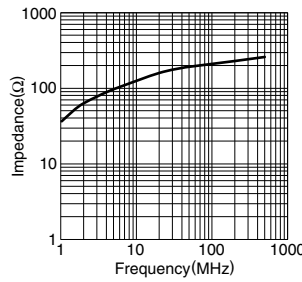
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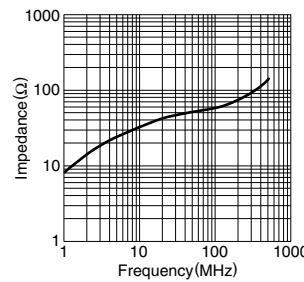
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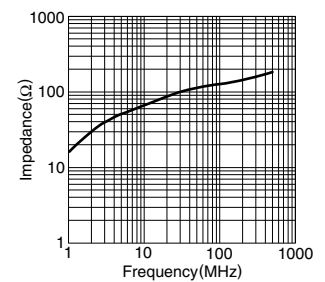
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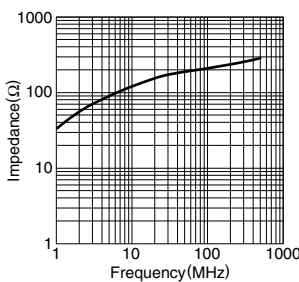
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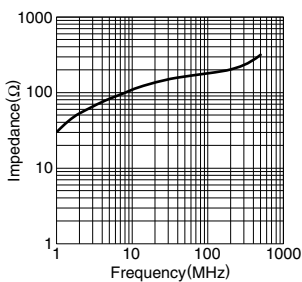
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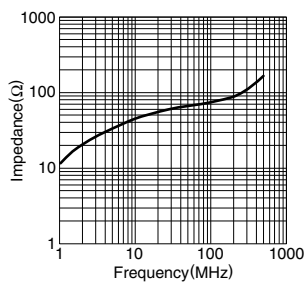
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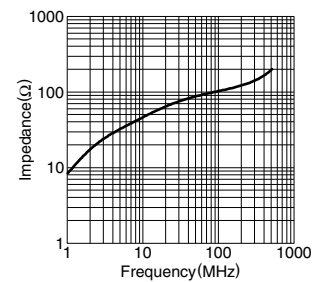
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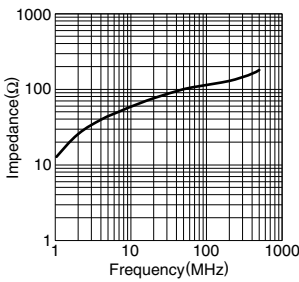
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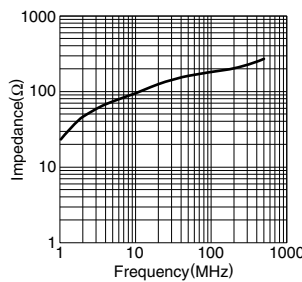
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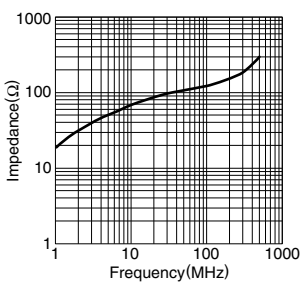
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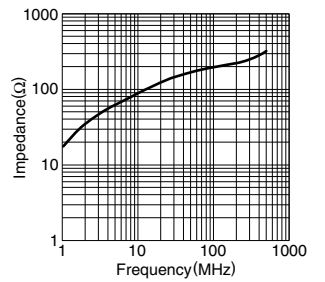
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HF70RH16X28X10



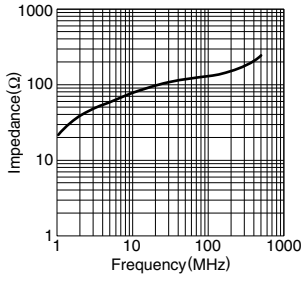
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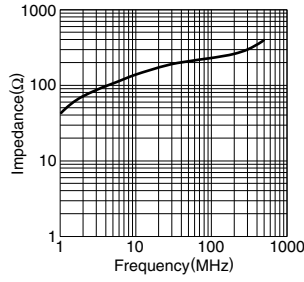
电气特性例

阻抗频率特性

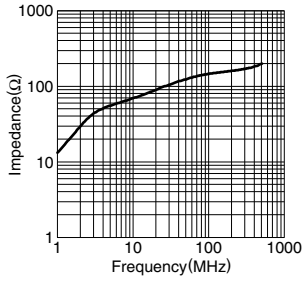
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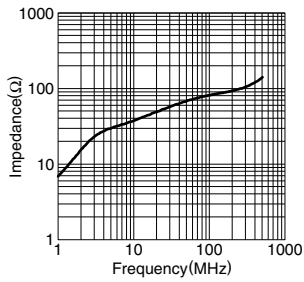
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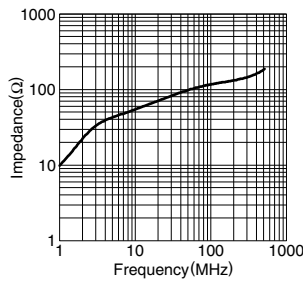
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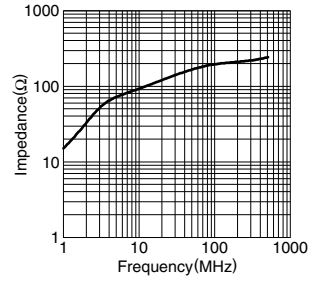
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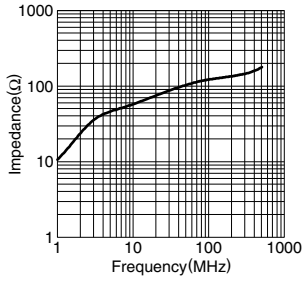
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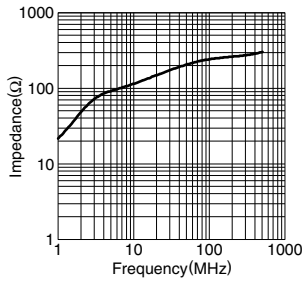
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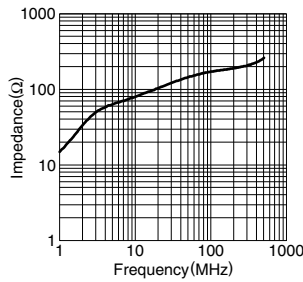
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HF56RH14.3X28.6X6.35



HF56RH16X28X9



HF56RH17.4X28.57X9.5

