

### EMI扁平滤波裸磁芯-NiZn

Magnetic Core (Flat Shape-NiSn)



#### 特性

Characteristics

轻松解决在柔性印刷电路板或薄带状电缆上过滤干扰的问题

Easy solution to filter interference on flexible printed circuit boards or thin ribbon cable

核心材料：用于宽带噪声抑制的NiZn（1 MHz-1 GHz）

Core material: NiZn for wideband noise suppression (1 MHz-1 GHz)

#### 应用

Application

电子系统中细数据线共模干扰滤波器

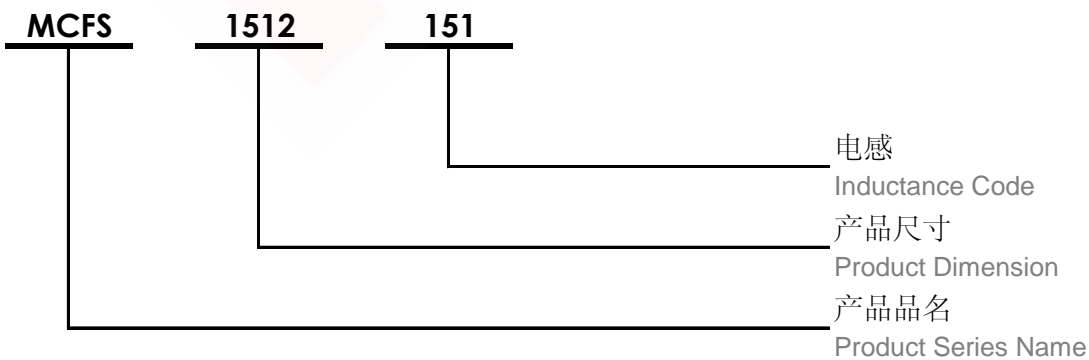
Filter for common mode interference on thin data lines in electronic systems

特别适用于柔性印刷电路板

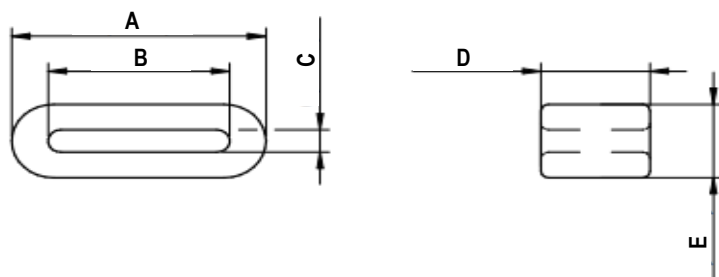
Especially suitable for flexible printed circuit boards

#### 产品品名介绍

Product Number Structure



### 尺寸 Dimension (mm)



### 电性特性 Electrical Properties

型号 Part No.	尺寸 (Dimension)					Z @ 25MHz	Z @ 100MHz
	A	B	C	D	E	1 turns(Ω)	1 turns(Ω)
MCFS0702-9R0	7.00	5.00	0.70	3.00	2.30	9	20
MCFS1302-7R0	13.50	11.00	0.50	4.00	2.00	7	19
MCFS1302-100	13.50	11.00	0.50	6.00	2.00	10	23
MCFS1302-150	13.50	11.00	0.50	10.00	2.00	15	32
MCFS1605-280	16.00	11.50	0.50	8.00	5.00	28	64
MCFS1605-420	16.00	11.50	0.50	12.00	5.00	42	79
MCFS1605-710	16.00	11.50	0.50	20.00	5.00	71	127
MCFS1502-7R0	15.50	13.00	0.50	4.00	2.00	7	20
MCFS1506-9R0	15.50	13.00	0.50	6.00	2.00	9	23
MCFS1502-130	15.50	13.00	0.50	10.00	2.00	13	31
MCFS2105-220	21.00	17.00	0.80	8.00	5.00	22	50
MCFS2405-300	24.50	20.00	0.50	12.00	5.00	30	65
MCFS2303-230	23.00	20.00	0.70	12.00	3.00	23	58
MCFS2405-500	24.50	20.00	0.50	20.00	5.00	50	103
MCFS2805-600	28.50	24.00	0.80	22.00	5.38	60	130
MCFS3105-260	31.00	27.00	0.50	12.00	5.00	26	66
MCFS3103-250	31.00	27.00	0.70	12.00	3.00	25	80
MCFS3205-240	32.00	28.00	0.80	8.00	5.00	24	74
MCFS4605-230	46.00	41.50	0.50	12.00	5.00	23	65
MCFS5605-230	56.00	52.00	0.50	12.00	5.00	23	66

### 测试状态

Test Condition

☆ 工作温度: -25°C ~ +125°C

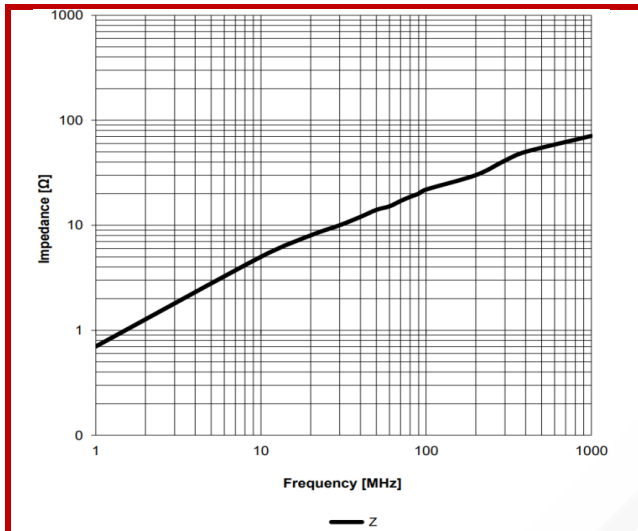
Operating Temperature: -25°C ~ +125°C



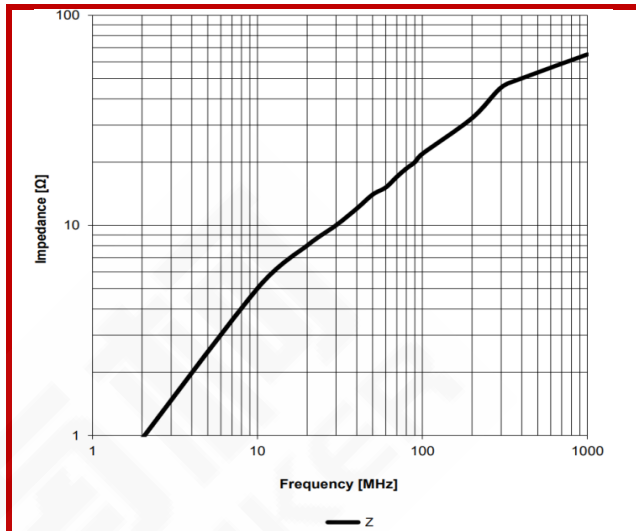
### 典型阻抗特性

Typical Impedance Characteristics

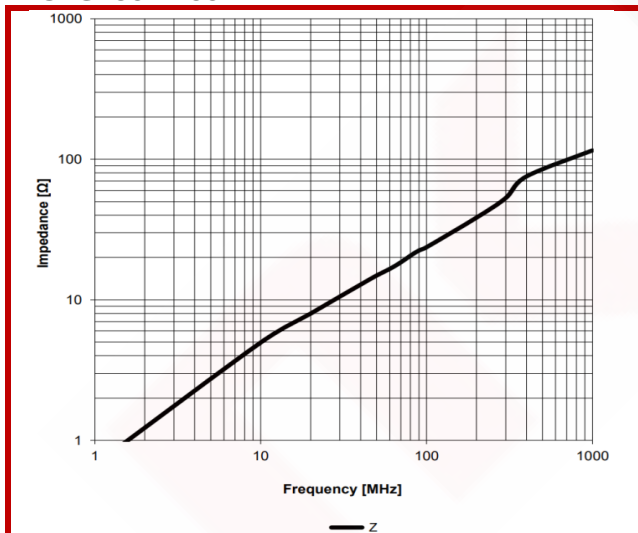
#### MCFS0702-9R0



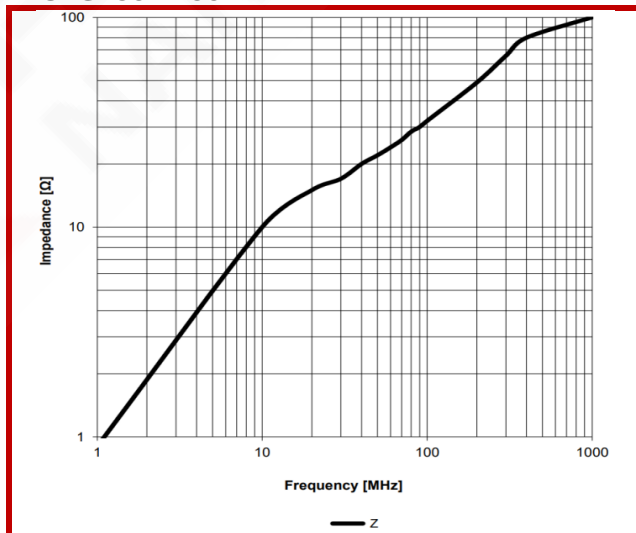
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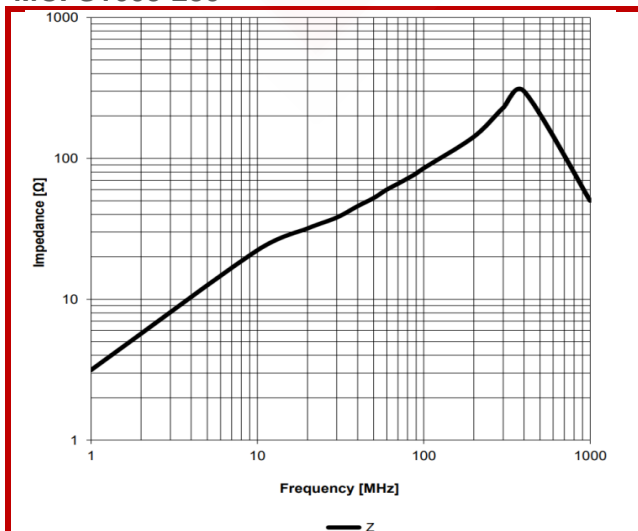
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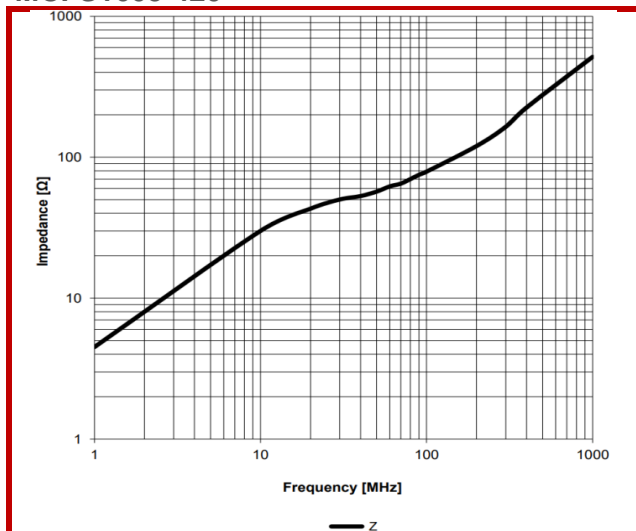
#### MCFS1302-150



#### MCFS1605-280



#### MCFS1605-420

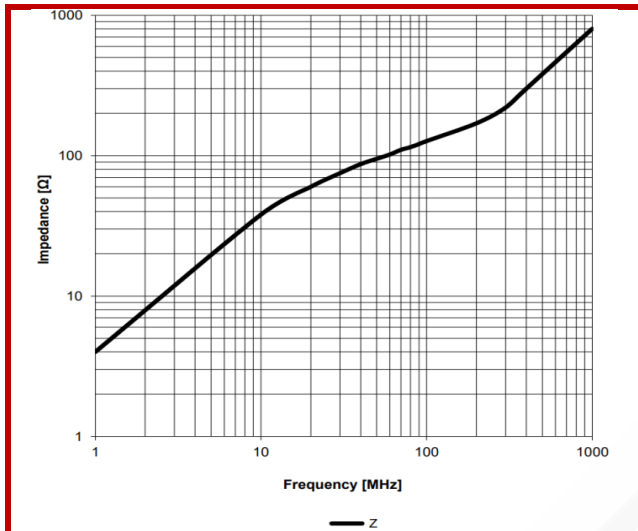




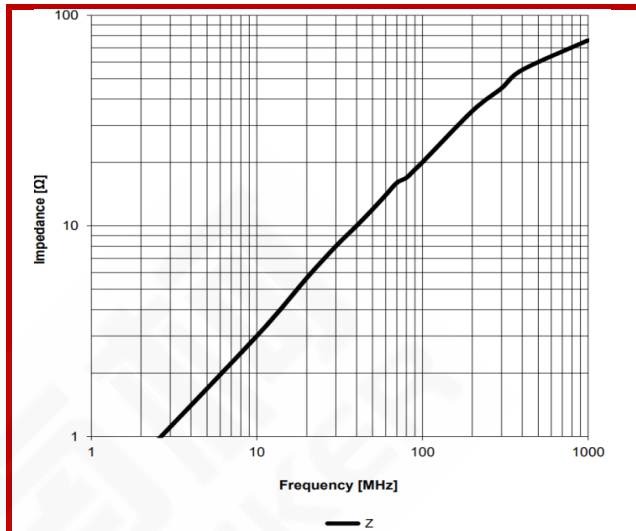
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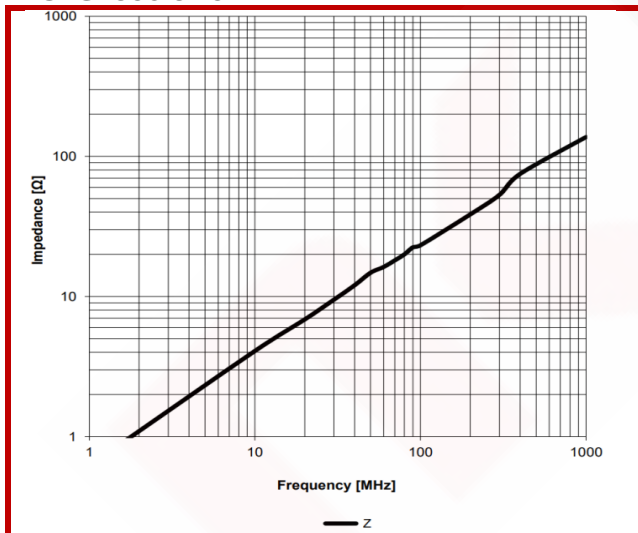
#### MCFS1605-710



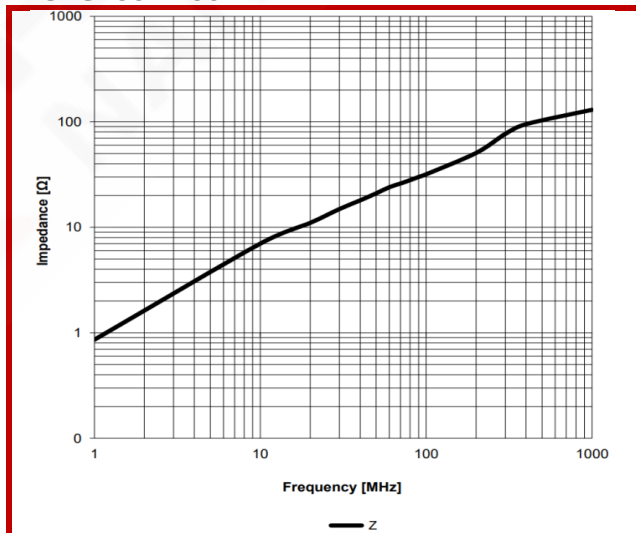
#### MCFS1502-7R0



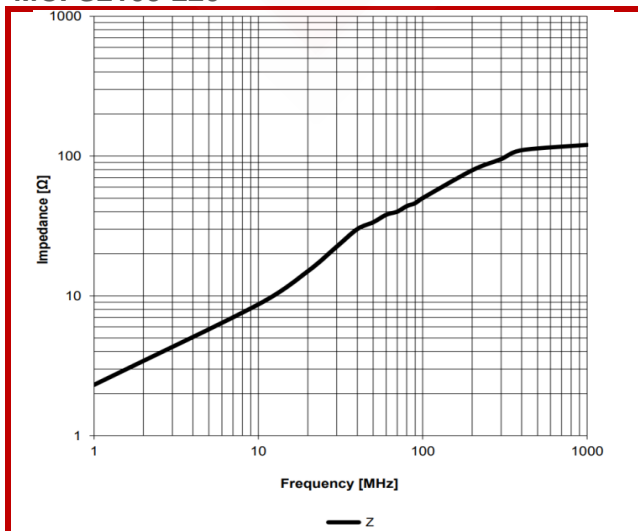
#### MCFS1506-9R0



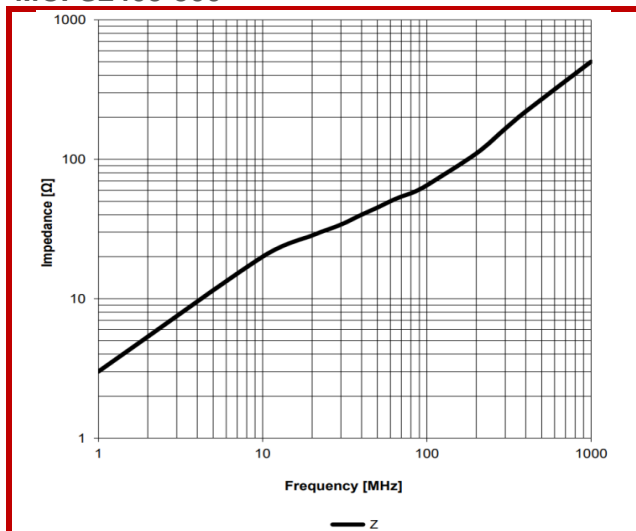
#### MCFS1502-130



#### MCFS2105-220



#### MCFS2405-300

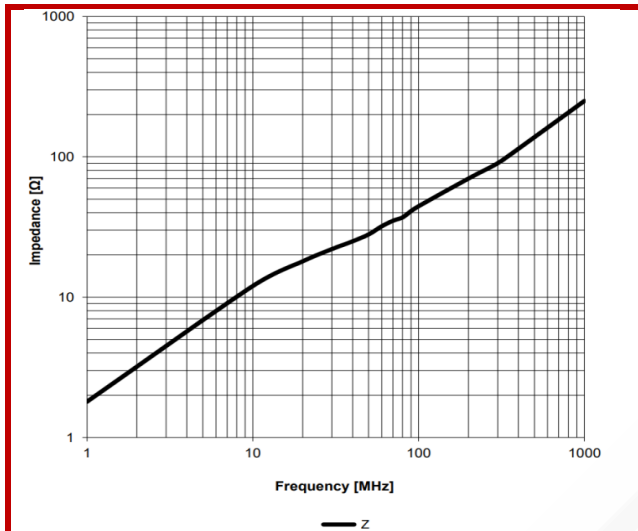




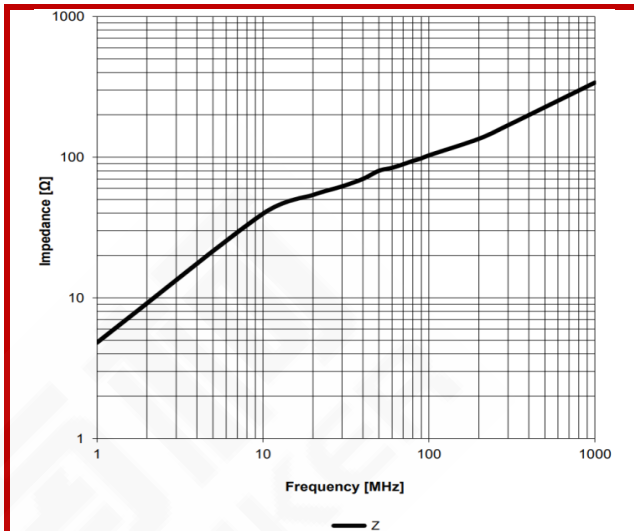
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Typical Impedance Characteristics

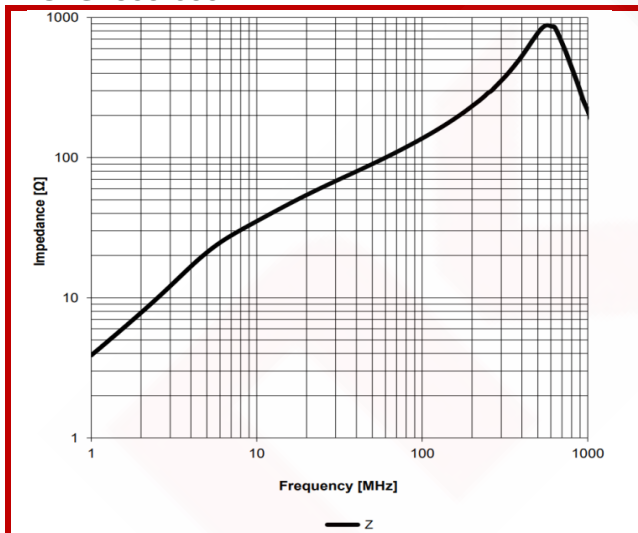
#### MCFS2303-230



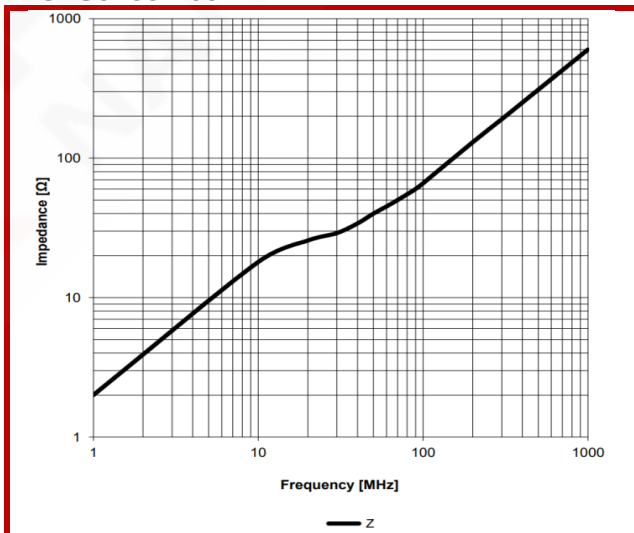
#### MCFS2405-500



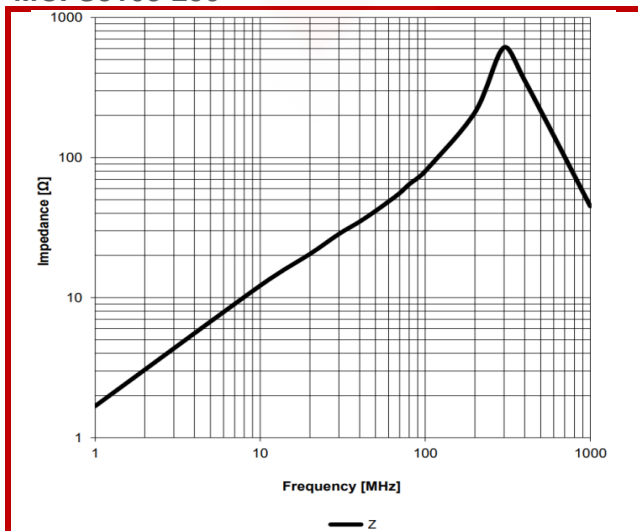
#### MCFS2805-600



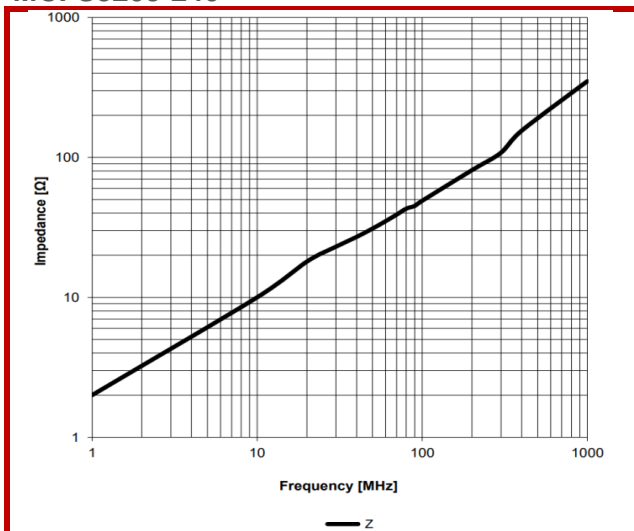
#### MCFS3105-260



#### MCFS3103-250



#### MCFS3205-240

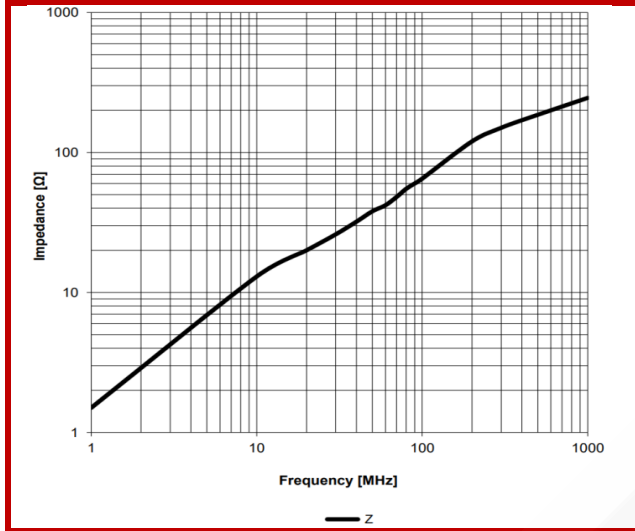




### 典型阻抗特性

Typical Impedance Characteristics

#### MCFS4605-230



#### MCFS5605-230

