

ZYH-X系列高插入损耗EMI电源滤波器
ZYH-Xseries high insertion losses EMI filter

X系列 : XSeries



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特点和应用: Features and Applications

在很宽的频带范围内具有极高的共模和差模插入损耗
Very high differential and common mode attenuation

对连续或间歇性干扰具有较高的抑制作用

High suppression for continuous and intermittent pulse interference

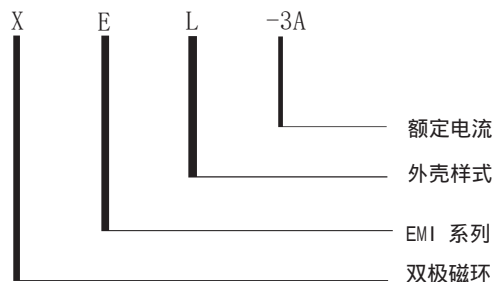
计价的高频干扰抑制特性

Good high frequency attenuation

适用于各种电子和数字设备（尤其是开关电源）

Available for various digital systems (partially for switching power supplies)

订购信息: Ordering Information



可选型号: Available Part Numbers

型号 Type ZYH-	额定电流范围 Rated Current (A)	绝缘电阻 Insulation Resistance	端接方式 Terminal	
			入Input	出Output
XEL	1 - 6	≥ 500		
XEBL	1 - 6	≥ 500		
XEB	1 - 6	≥ 500		
XEM	1 - 15	≥ 500		
XEN	3 - 10	≥ 500		
XEK	10-20	≥ 500		
XES	20-30	≥ 500		
XER	10-35	≥ 500		
XEY	40-60	≥ 500		
XEU	60-80	≥ 500		
XEJ	80-150	≥ 500		



规格: Specifications

每条线路对地的最大泄漏电流:

Maximum leakage current each Line to Ground:

	XEL	XEBL	XEB	XEM	XEN	
@250 VAC						
50 / 60Hz:	≤ 0.5mA	≤ 0.5mA	≤ 1.0mA	≤ 1.5mA	≤ 2.0mA	
	XEK	XES	XER	XEY	XEU	XEJ
@250 VAC						
50 / 60Hz:	≤ 2.0mA	≤ 3.0mA	≤ 3.5mA	≤ 5.0mA	≤ 7.5mA	≤ 7.0mA

Hipot额定值 (一分钟):

Hipot rating (one minute):

线路对地: 1800VAC

Line to Ground:

线对线: 1500VDC

Line to Line:

工作电压: 250VAC

Rated Voltage (max.):

工作频率: 50/60HZ

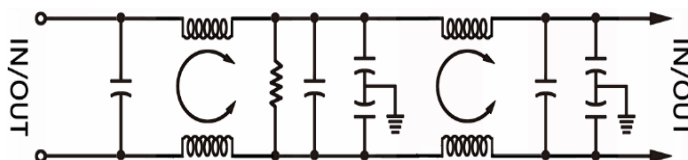
Operating Frequency:

额定电流: 1-150A

Rated Current:

气候类别: 25/085/21
Climatic Category

电路原理图Electrical Schematics

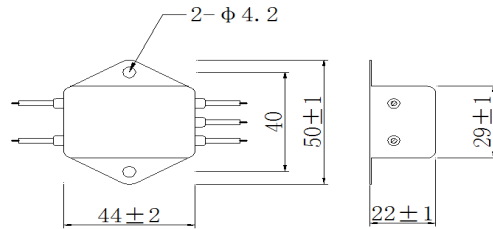


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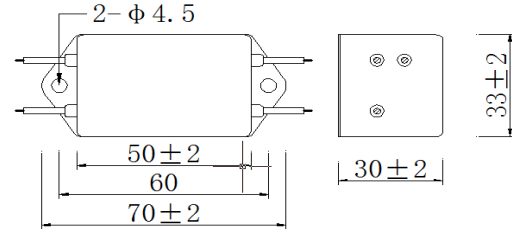
X系列 : X Series

外壳样式 : Case Styles

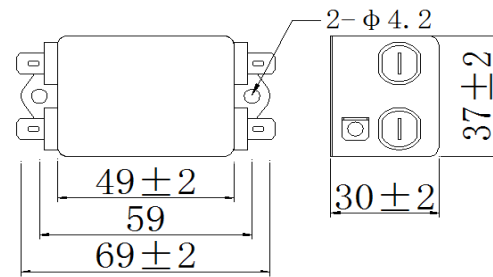
XEL外壳样式 : XELCase Styles



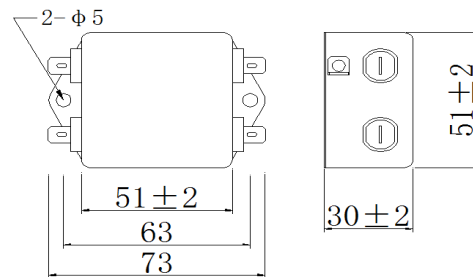
XEBL外壳样式 : XEBLCase Styles



XEB外壳样式 : XEB Case Styles

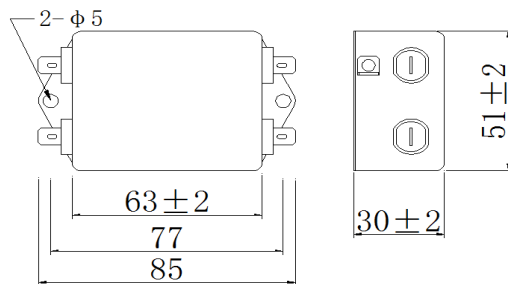


XEN外壳样式 : XEN Case Styles

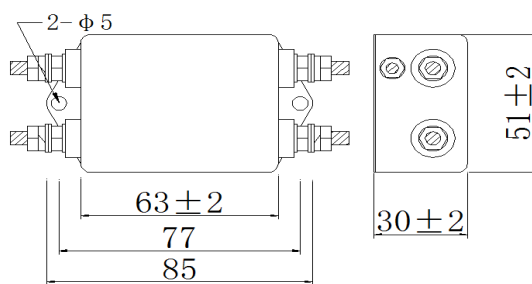


XEM外壳样式 : XEM Case Styles

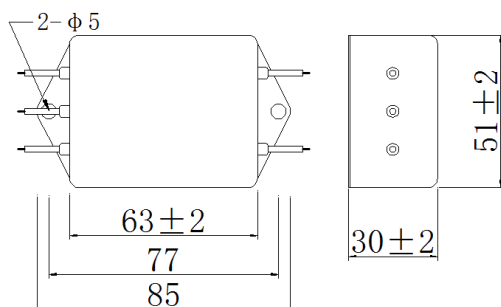
样式1 : CaseStyles One



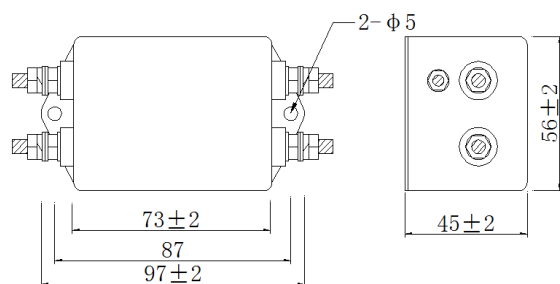
样式2 : CaseStyles Two



样式3 : CaseStyles Three



XEK外壳样式 : XEK Case Styles

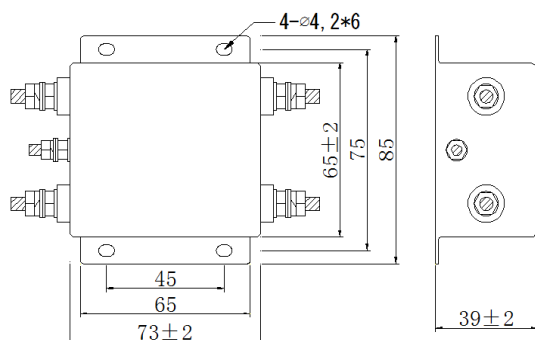


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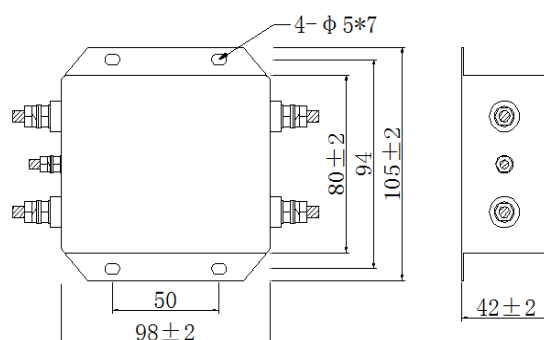
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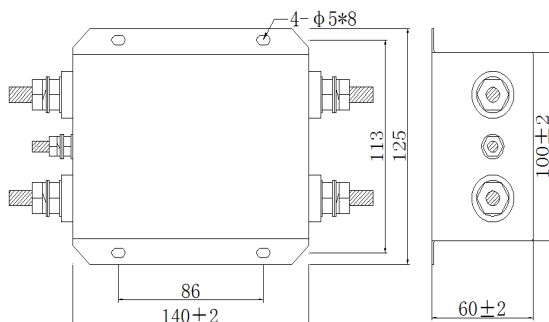
XES外壳样式 : XESCase Styles



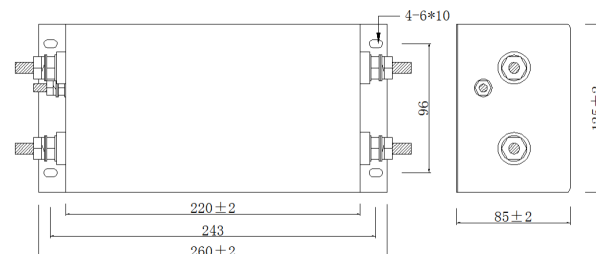
XER外壳样式 : XERCase Styles



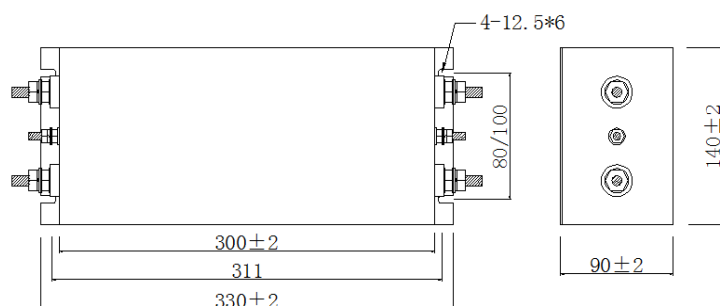
XEY外壳样式 : XEYCase Styles



XEU外壳样式 : XEU Case Styles



XEJ外壳样式 : XEJ Case Styles



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性能参数

Performance Data

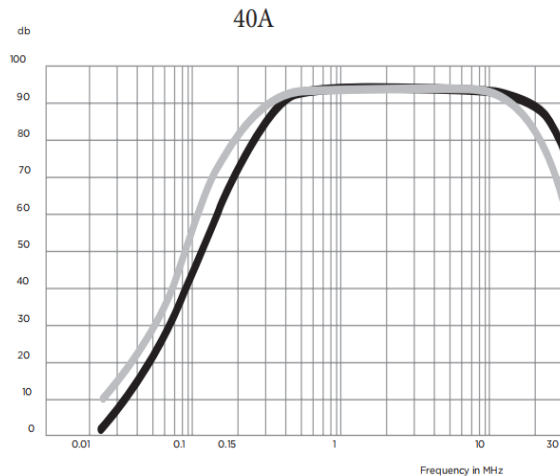
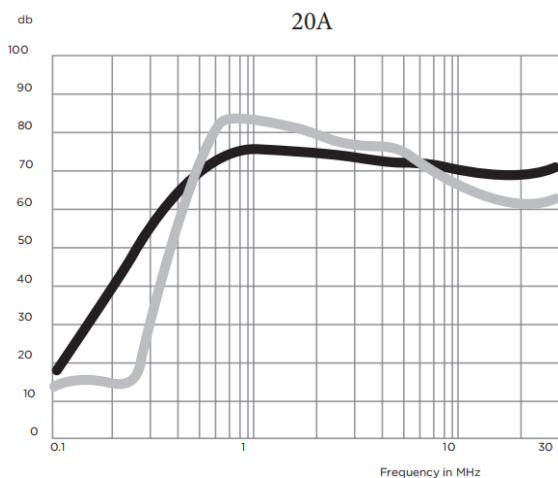
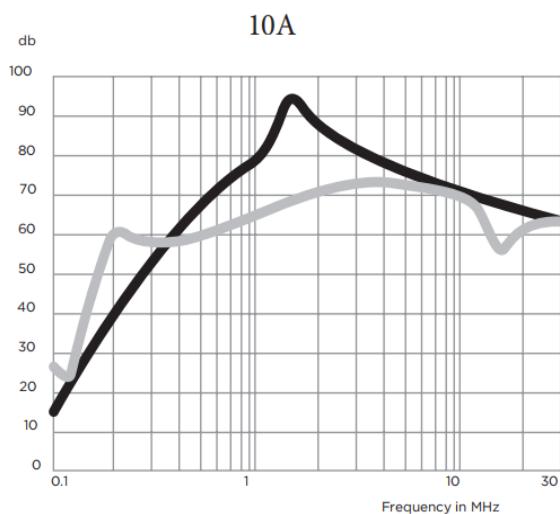
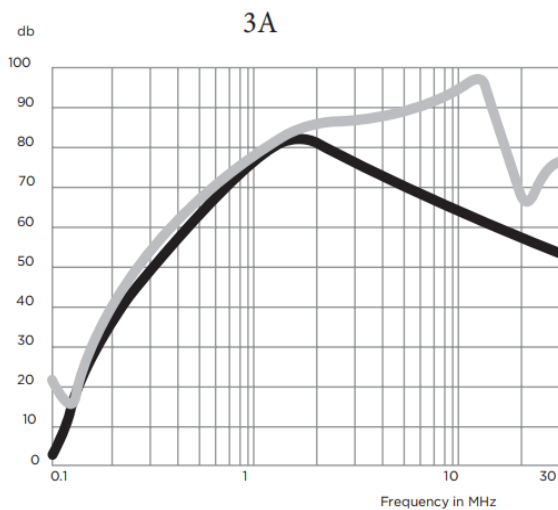
典型插入损耗

Typical Insertion Loss

在封闭的50欧姆系统中测量

Measured in closed 50 Ohm system

—— 共模/不对称 (L-G)
Common Mode / Asymmetrical (L-G)
—— 差模/对称 (L-L)
Differential Mode / Symmetrical (L-L)



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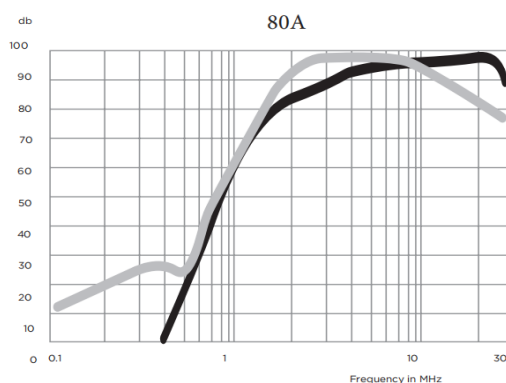
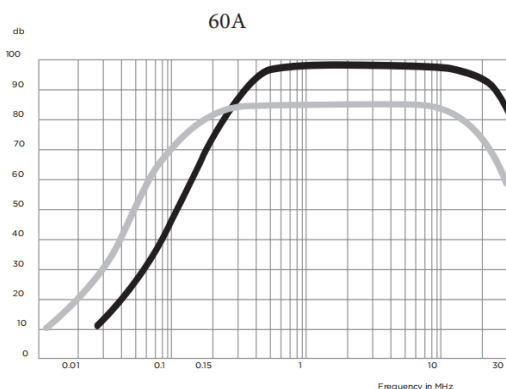
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最小插入损耗 Minimum Insertion Loss

共模/不对称 (线对地)

Common Mode / Asymmetrical (Line to Ground)

Current Rating	Frequency – MHz								
	.05	.07	.11	.15	1	2	10	20	30
3A	06	06	03	16	65	66	62	60	59
10A	05	02	13	24	72	72	56	50	48
20A	05	22	38	44	60	72	72	71	73
40A	--	--	--	--	60	65	99	95	90
60A	--	--	--	--	70	86	93	90	86
80A	--	--	--	--	99	95	93	90	83

差模/对称 (线对线)

Differential Mode / Symmetrical (Line to Line)

Current Rating	Frequency – MHz								
	.05	.07	.11	.15	1	2	10	20	30
3A	12	13	07	18	64	69	65	60	52
10A	--	--	--	--	54	58	57	34	36
20A	--	--	--	--	35	60	66	66	63
40A	--	--	--	--	65	60	66	66	73
60A	--	--	--	--	100	96	93	90	86
80A	--	--	--	--	60	85	93	90	88