

ZYH-X(T)系列栅栏式端子台高插入损耗EMI电源滤波器
ZYH-Xseries high insertion losses EMI filter

X(T)系列 : X(T)Series



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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

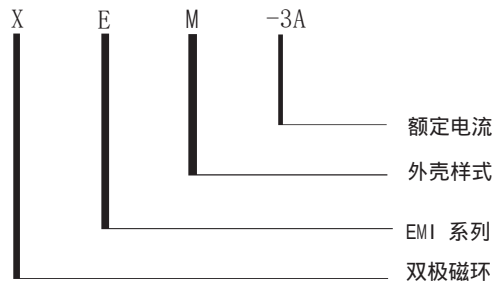
计价的高频干扰抑制特性

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



规格: Specifications

每条线路对地的最大泄漏电流:

Maximum leakage current each Line to Ground:

	XEM(T)	XEK/ XEK(T)	XED(T)	XER(T)
@250 VAC				
50 /60Hz:	≤ 2.0mA	≤ 2.0mA	≤ 3.0mA	≤ 3.5mA

	XEY/ XEY(T)	XEU/ XEU(T)	XEJ
@250 VAC			
50 /60Hz:	≤ 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:

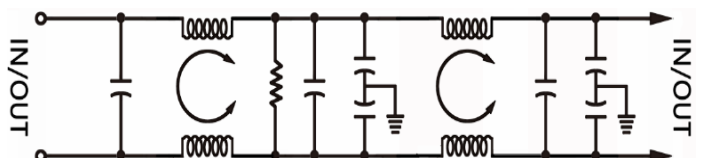
气候类别: 25/085/21

Climatic Category

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
XEM (T)	3-10	≥ 500	
XEK (T)	10-20	≥ 500	
XED (T)	20-30	≥ 500	
XER (T)	10-30	≥ 500	
XEY (T)	40-60	≥ 500	
XEU (T)	60-80	≥ 500	
XEJ (T)	80-150	≥ 500	

电路原理图Electrical Schematics

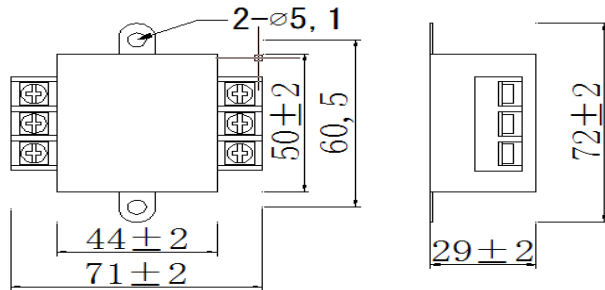


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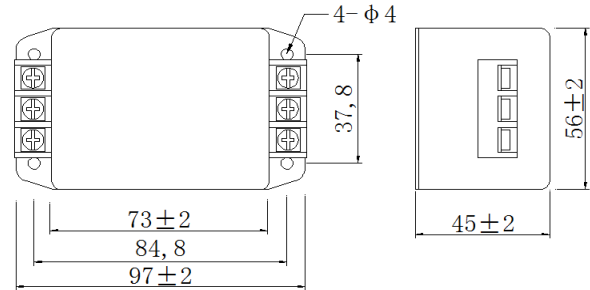
X(T)系列 : X (T) S e r i e s

外壳样式 : Case Styles

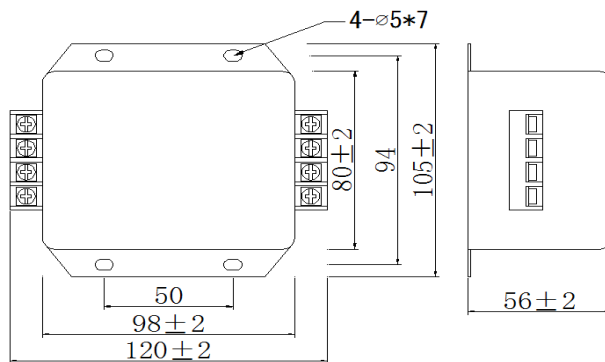
XEM(T)外壳样式 : EN(T) Case Styles



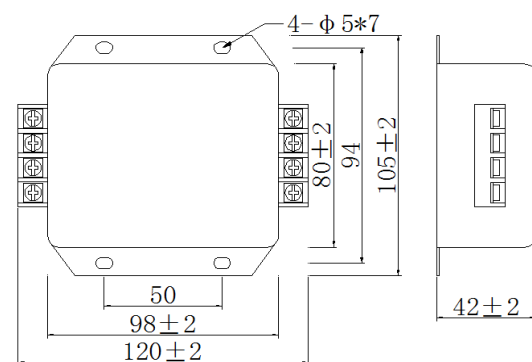
XEK(T)外壳样式 : XEK(T) Case Styles



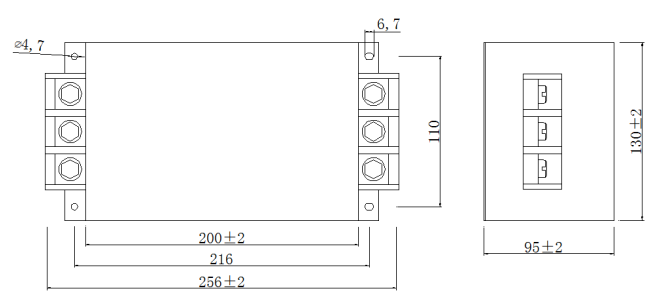
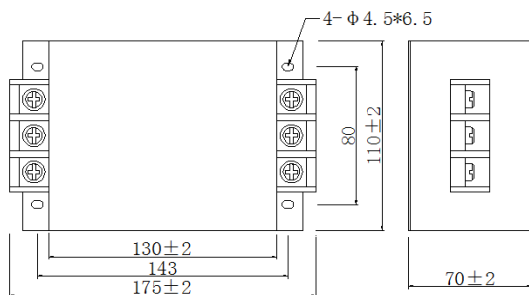
XED(T)外壳样式 : XED(T) Case Styles



XER(T)外壳样式 : XER(T) Case Styles



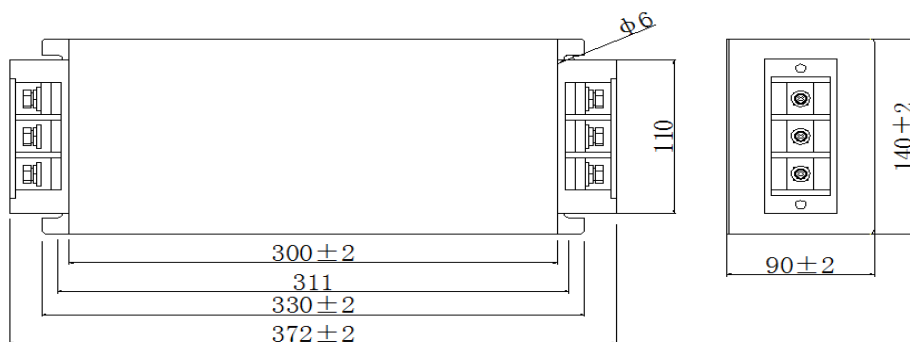
XEY(T)外壳样式 : XEY(T) Case Styles XEU(T)外壳样式 : XEU(T) Case Styles



X(T)系列 : X (T) S e r i e s

外壳样式 : Case Styles

XEJ(T)外壳样式 : XEJ(T) Case Styles



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性能参数

Performance Data

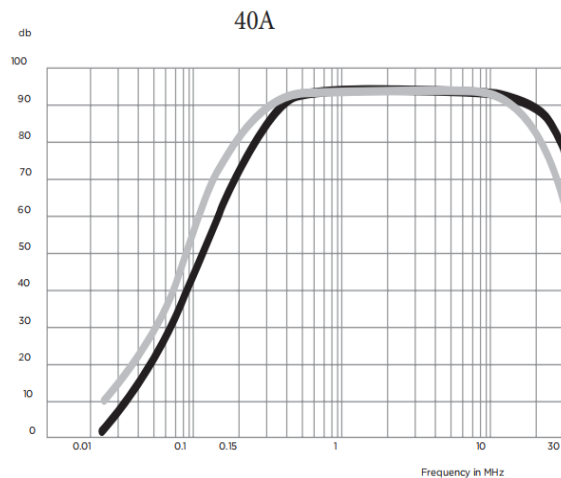
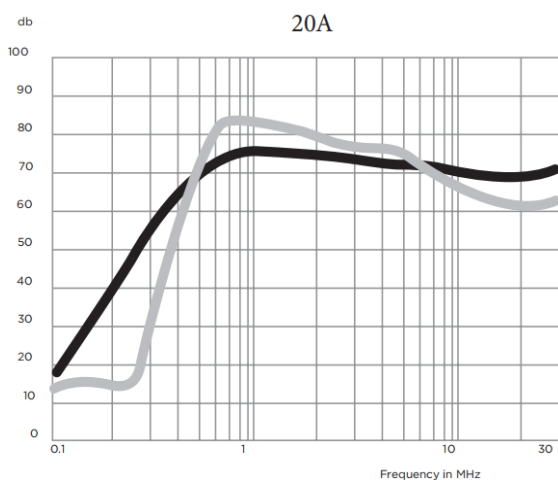
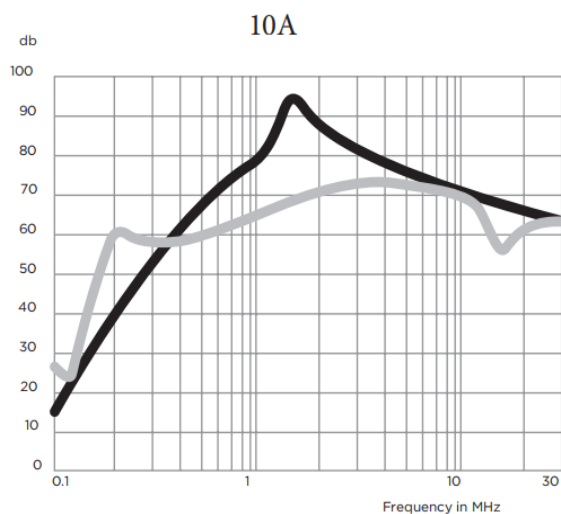
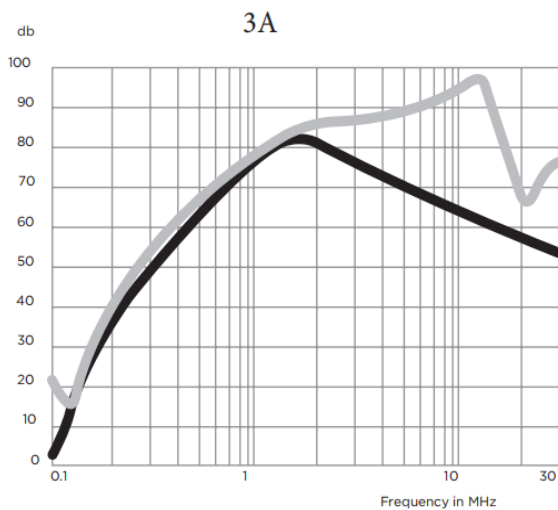
典型插入损耗

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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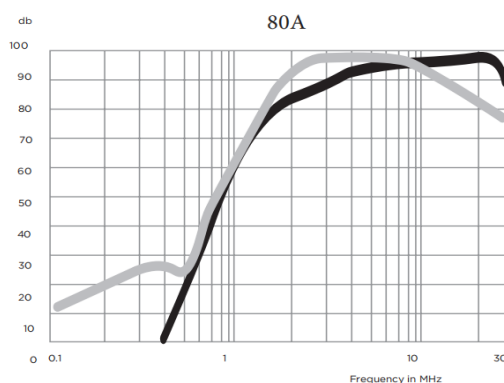
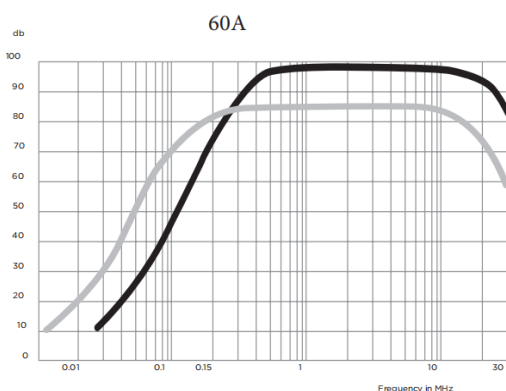
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最小插入损耗 Minimum Insertion Loss

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