

ZYH-A系列高插入损耗EMI电源滤波器
ZYH-A series differential model choke strengthened EMI filter

A系列 : A Series



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特点和应用: Features and Applications

很高的差模和共模衰减特性

very high differential and common mode attenuation

含有差模线圈, 对低频具有很高的衰减

Good low-frequency attenuation for differential mode choke.

宽范围的衰减特性

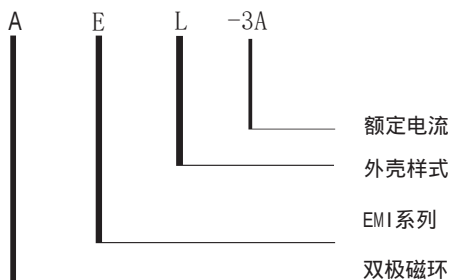
Broadband attenuation characteristics

适用于各种电子和数字设备(尤其是开关电源)

Available for various digital

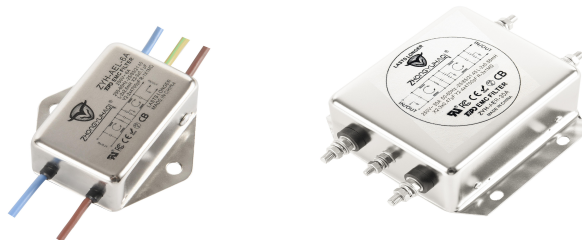
systems(particularly for switching power supplies)

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
AEL	1 - 6	≥ 500		
AEBL	1 - 6	≥ 500		
AEB	1 - 6	≥ 500		
AEM	1 - 15	≥ 500		
AEN	3 - 10	≥ 500		
AEK	10-20	≥ 500		
AES	20-30	≥ 500		
AER	10-35	≥ 500		
AEY	40-60	≥ 500		
AEU	60-80	≥ 500		
AEJ	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:

	AEL	AEBL	AEB	AEM	AEN	
@250 VAC						
50 /60Hz:	≤ 0.5mA	≤ 0.5mA	≤ 1.0mA	≤ 1.5mA	≤ 2.0mA	
	AEK	AES	AER	AEY	AEU	AEJ
@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

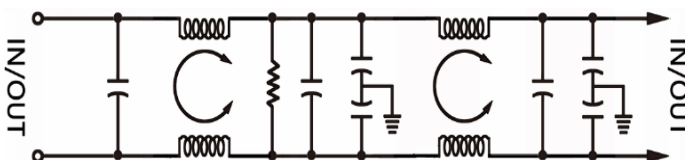
Operating Frequency:

额定电流: 1-150A

Rated Current:

气候类别: 25/085/21
Climatic Category

电路原理图Electrical Schematics

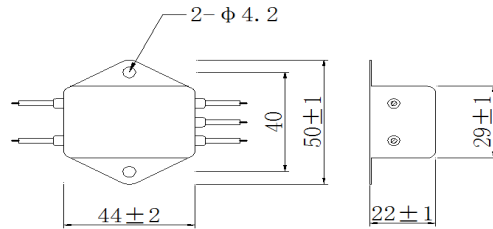


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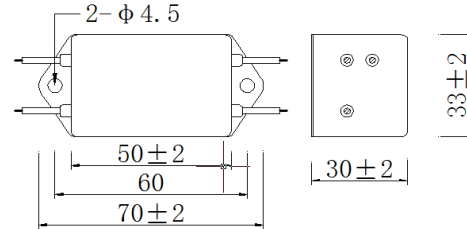
A系列 : A Series

外壳样式 : Case Styles

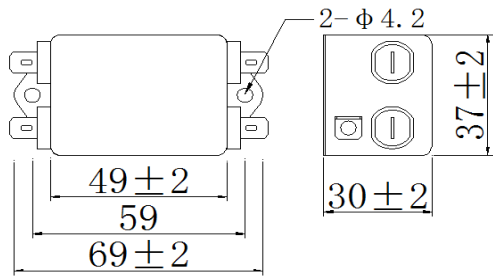
AEL外壳样式 : AELCase Styles



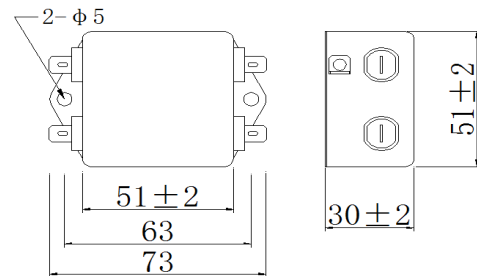
AEBL外壳样式 : AEBLCase Styles



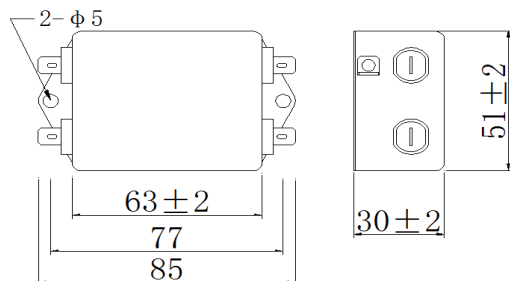
AEB外壳样式 : EB Case Styles



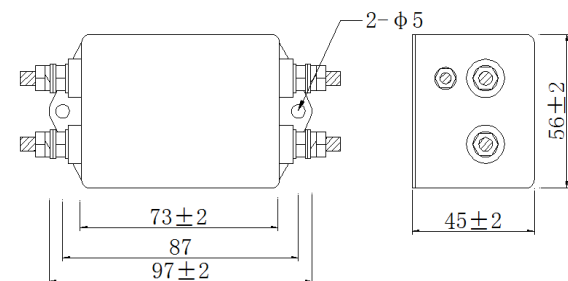
AEN外壳样式 : EN Case Styles



AEM外壳样式 : AEM Case Styles



AEK外壳样式 : AEK Case Styles

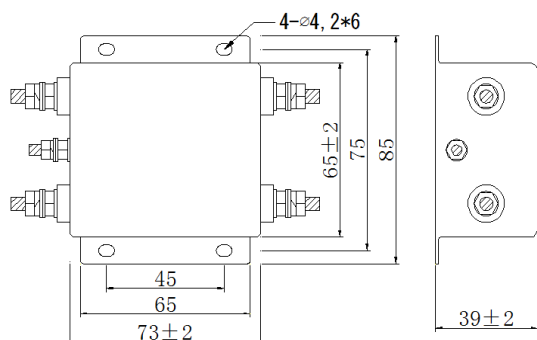


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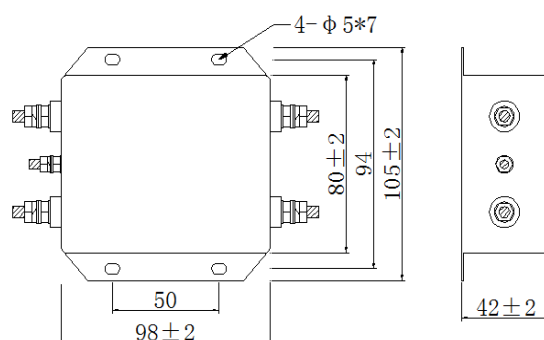
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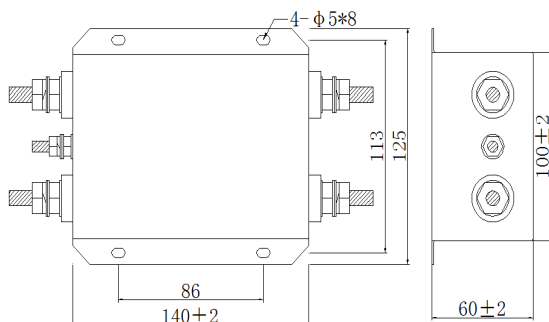
AES外壳样式 : AESCase Styles



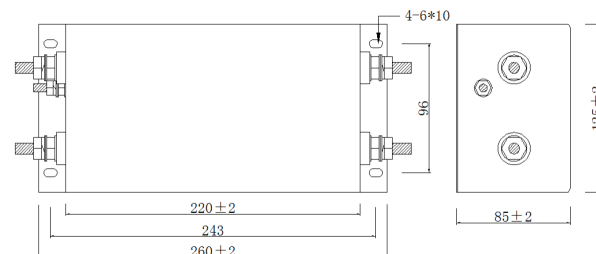
AER外壳样式 : AERCase Styles



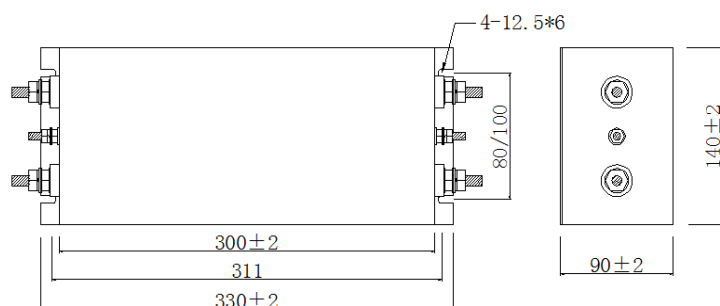
AEY外壳样式 : AEYCase Styles



AEU外壳样式 : AEU Case Styles



AEJ外壳样式 : AEJ Case Styles



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性能参数

Performance Data

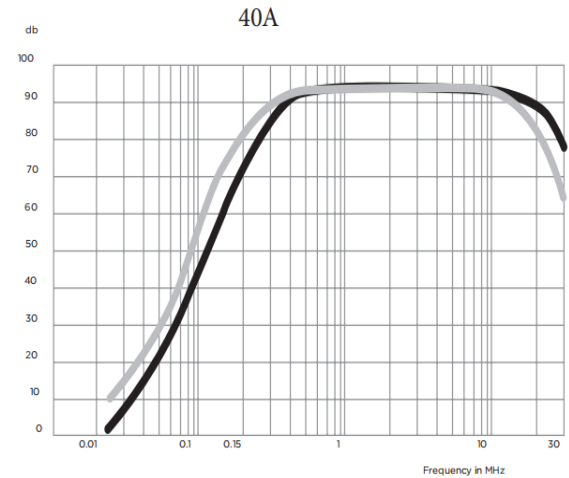
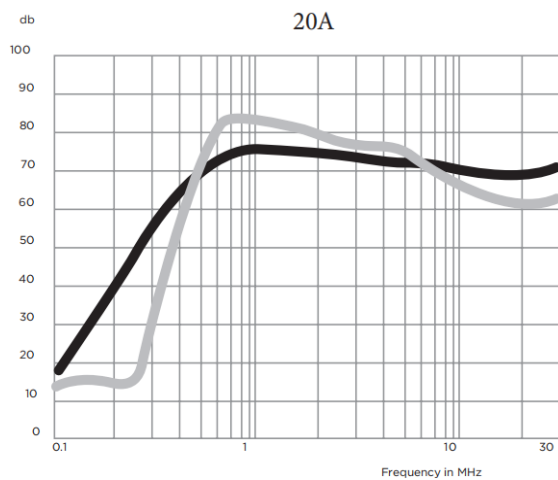
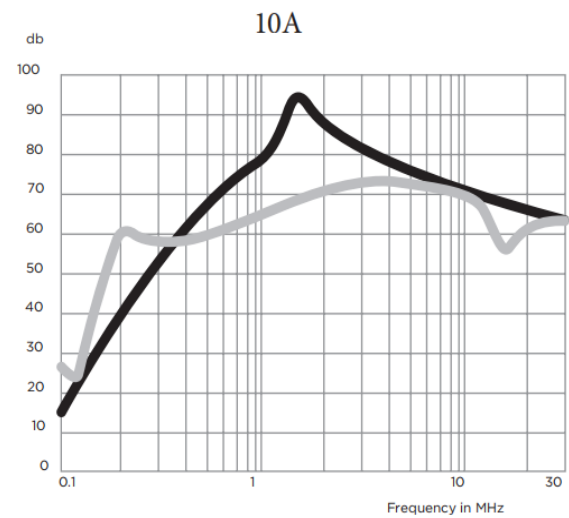
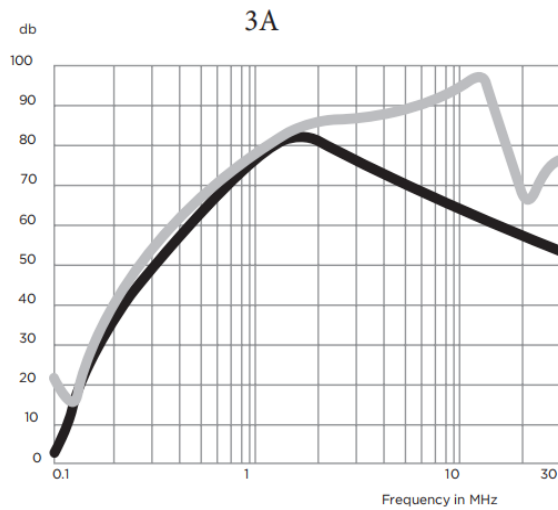
典型插入损耗

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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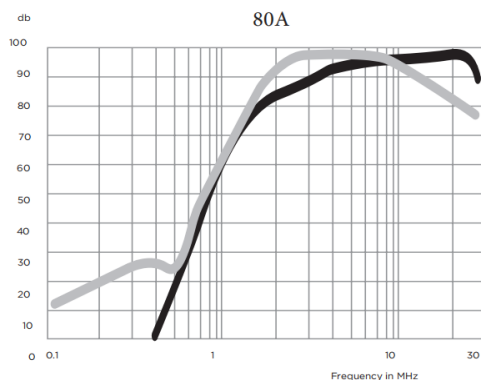
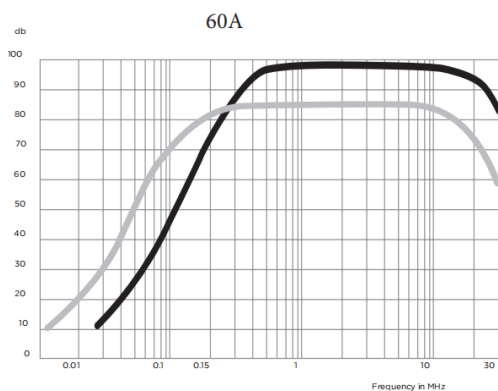
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最小插入损耗 Minimum Insertion Loss

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