

ZYH-B系列军工级EMI电源滤波器
ZYH-B series military EMI filter

B系列 : B Series



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特点和应用: Features and Applications

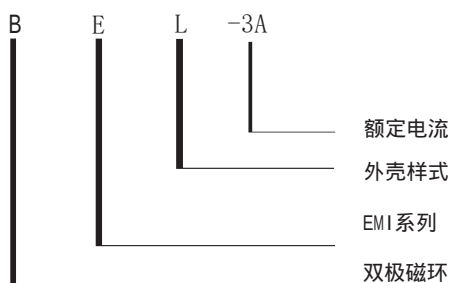
在全频段内对共模和差模干扰均具有良好的抑制效果协助您的产品满足GJB151A-97标准要求
Provide good performance of suppressing both CM and DM of all frequency

对电源线上的10KHz以上的干扰具有良好的抑制作用Provide effective suppression for frequency above 10KHz in line

适用于含有开关电源、数字电路以及易受干扰的军用设备

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
BEL	1 - 6	≥ 500		
BEBL	1 - 6	≥ 500		
BEB	3 - 6	≥ 500		
BEN	6 - 10	≥ 500		
BEM	6 - 10	≥ 500		
BEK	10-30	≥ 500		
BES	10-30	≥ 500		
BER	20-40	≥ 500		
BED	10-20	≥ 500		
BEY	40-60	≥ 500		
BEU	60-80	≥ 500		
BEJ	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:

	BEL	BEBL	BEB	BEN	BEM	BEK
@250 VAC						
50 / 60Hz:	$\leq 0.5\text{mA}$	$\leq 0.5\text{mA}$	$\leq 1.0\text{mA}$	$\leq 0.5\text{mA}$	$\leq 0.5\text{mA}$	$\leq 2.0\text{mA}$
	BES	BER	BED	BEY	BEU	BEJ
@250 VAC						
50 / 60Hz:	$\leq 2.0\text{mA}$	$\leq 2.0\text{mA}$	$\leq 3.0\text{mA}$	$\leq 5.0\text{mA}$	$\leq 3.5\text{mA}$	$\leq 8.0\text{mA}$

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

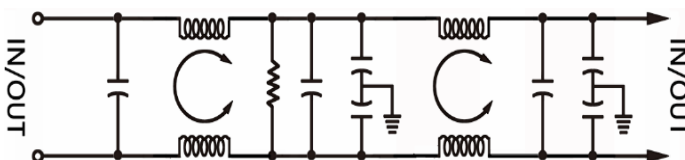
Operating Frequency:

额定电流: 1-150A

Rated Current:

气候类别: 25/085/21
Climatic Category

电路原理图Electrical Schematics

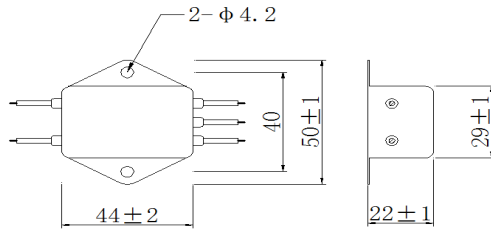


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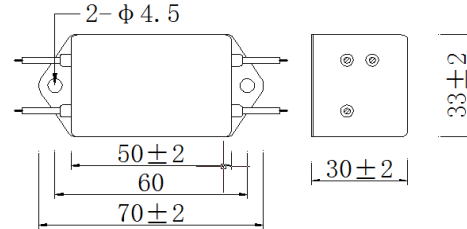
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外壳样式 : Case Styles

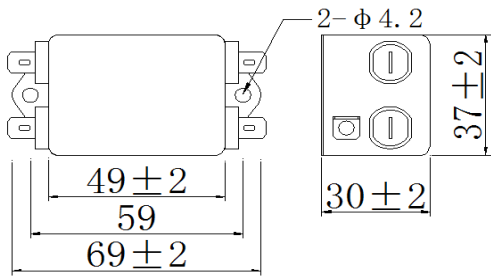
BEL外壳样式 : BELCase Styles



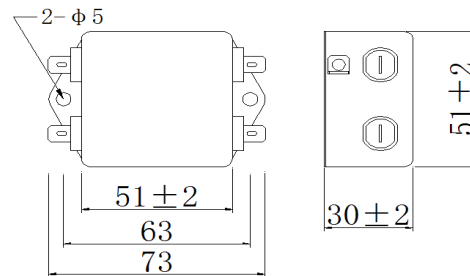
BEBL外壳样式 : BEBLCase Styles



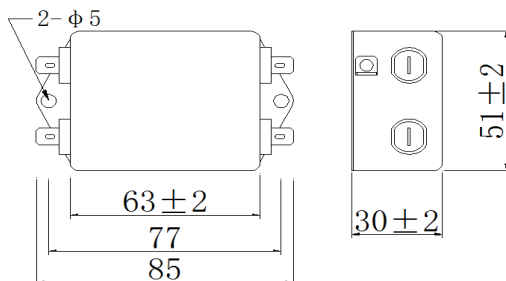
BEB外壳样式 : EB Case Styles



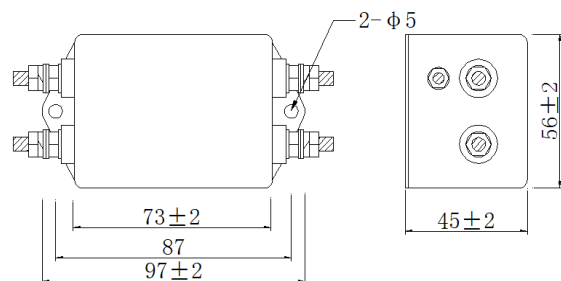
BEN外壳样式 : EN Case Styles



BEM外壳样式 : BEM Case Styles



BEK外壳样式 : BEK Case Styles

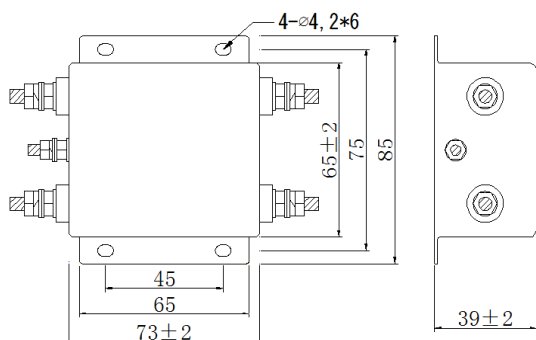


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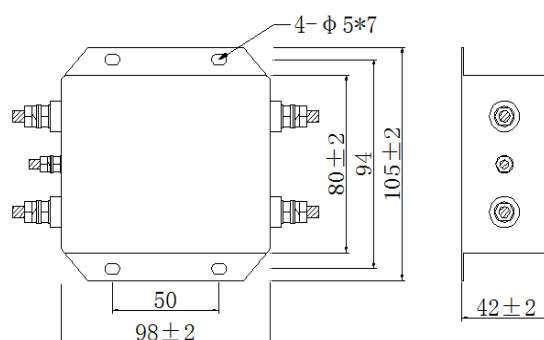
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外壳样式 : Case Styles

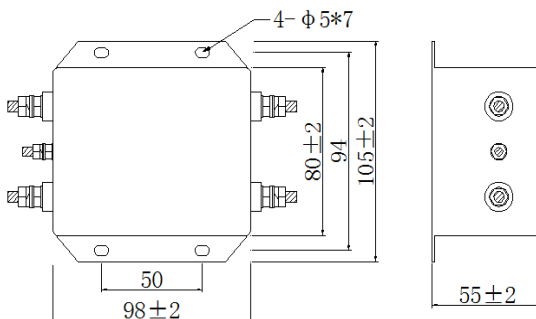
BES外壳样式 : BESCase Styles



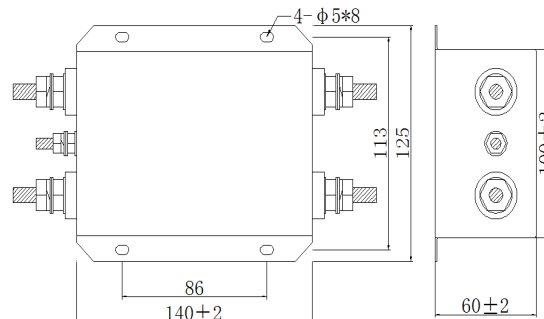
BER外壳样式 : BERCase Styles



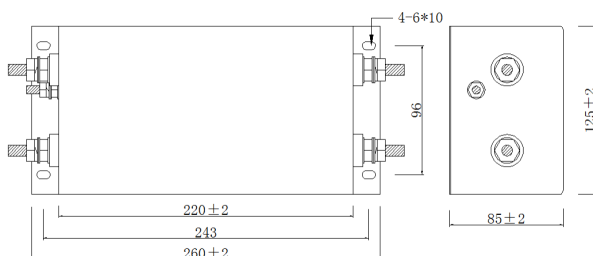
BED外壳样式 : BEDCase Styles



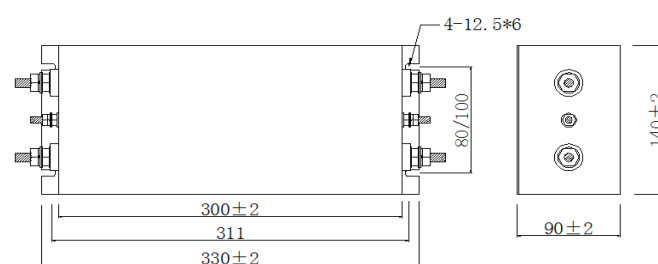
BEY外壳样式 : BEYCase Styles



BEU外壳样式 : BEU Case Styles



BEJ外壳样式 : BEJ Case Styles



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性能参数

Performance Data

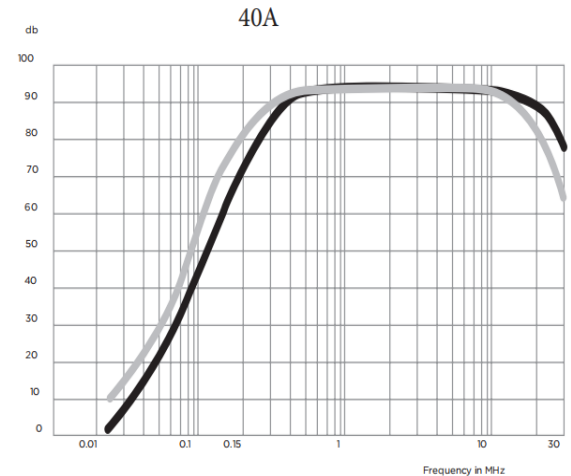
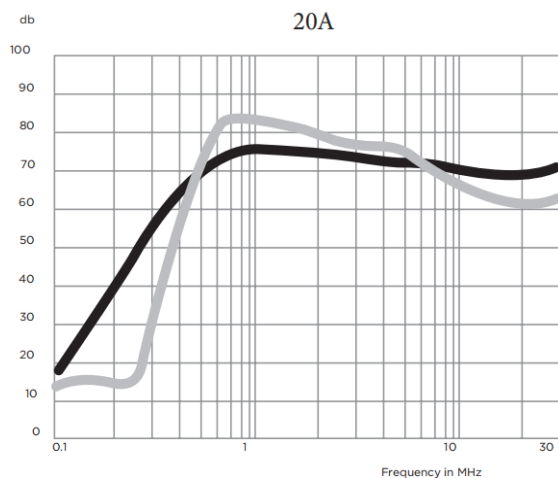
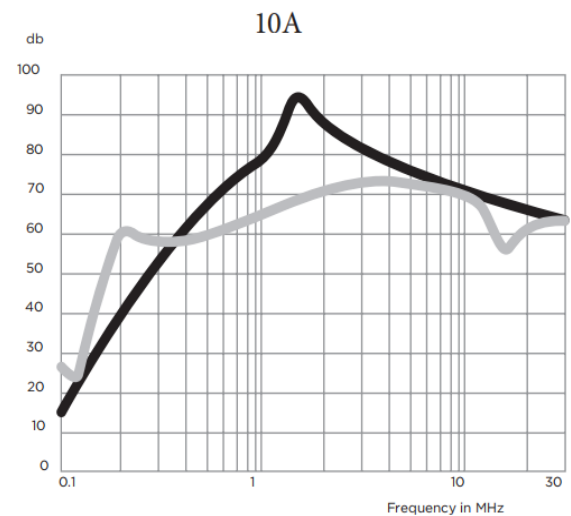
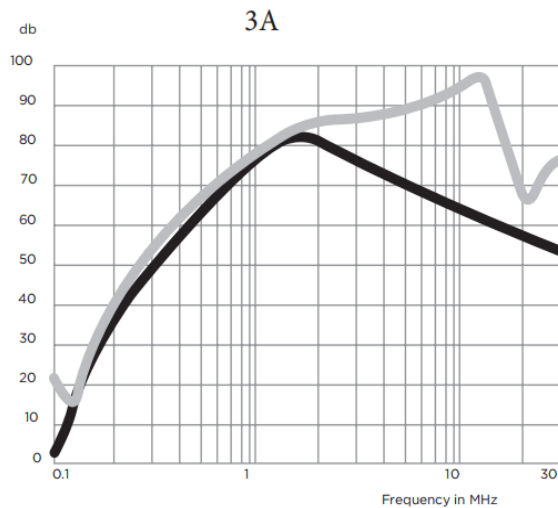
典型插入损耗

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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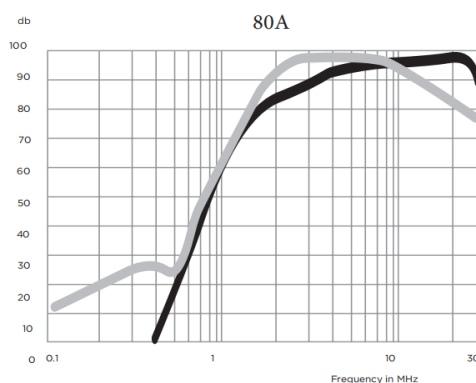
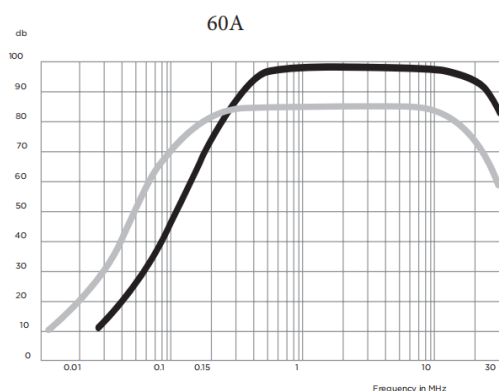
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 差模/对称 (L-L)
 Differential Mode / Symmetrical (L-L)



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