

ZYH-E系列 (10A以上) EMI电源滤波器

ZYH-E series (above 10A) EMI filter

E 系列 : E Series



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特点和应用: Features and Applications

适用于抑制电网及开关电源所产生的噪音和高频谐波
Applicable to suppressing noise and high frequency harmonic in power

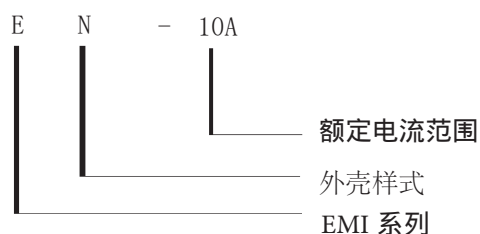
较高的插入损耗, 较小的泄露电流

Low leakage current with high insert lose of noise

能有效地抑制线与线, 线与地之间的EMI噪音干扰
Control EMI interference between line to line, line to ground

小型电子设备和电子测量仪器、模块电源
Mini-electronic equipments and measuring instruments、module power supply

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
EB	10	≥ 500		
EN	10 - 20	≥ 500		
EM	10 - 20	≥ 500		
EK	10 - 30	≥ 500		



规格: Specifications

每条线路对地的最大泄漏电流:

Maximum leakage current each Line to Ground:

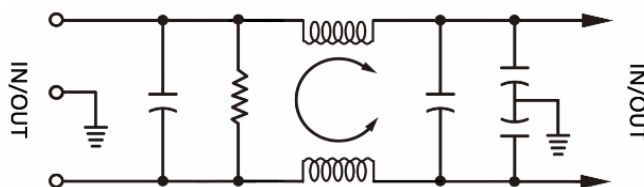
	EB/EN	EM	EK
@ 120 VAC 60 Hz:	$\leq 0.3 \text{ mA}$	$\leq 0.70 \text{ mA}$	$\leq 1.2 \text{ mA}$
@ 250 VAC 50 Hz:	$\leq 0.5 \text{ mA}$	$\leq 1.0 \text{ mA}$	$\leq 1.5 \text{ mA}$

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:	0.5 - 20A
Rated Current:	

电路原理图Electrical Schematics

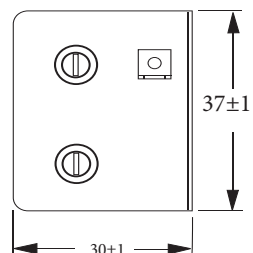
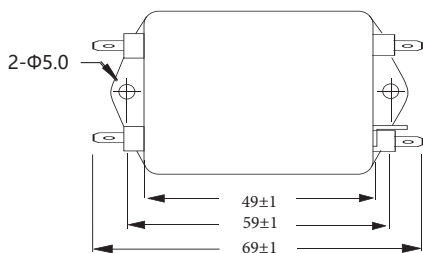


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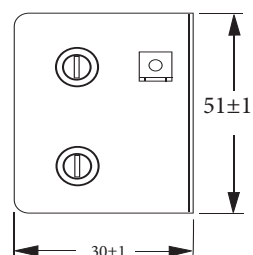
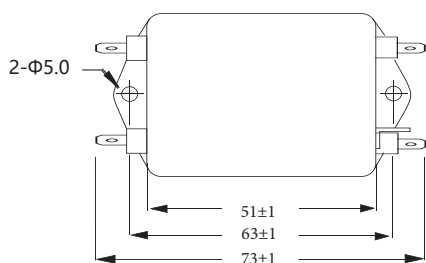
ZYH-E series (above 10A) EMI filter

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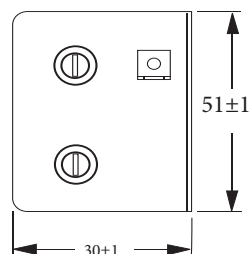
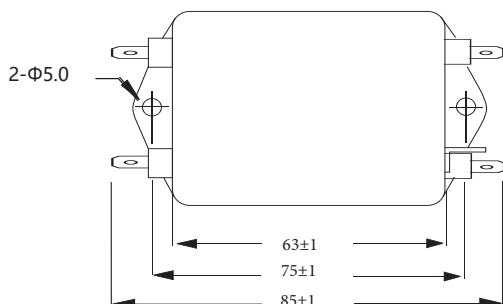
EB外壳样式 : EB Case Styles



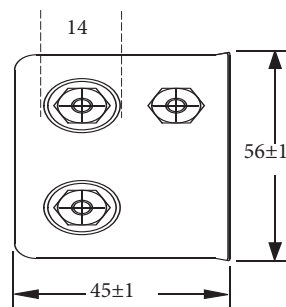
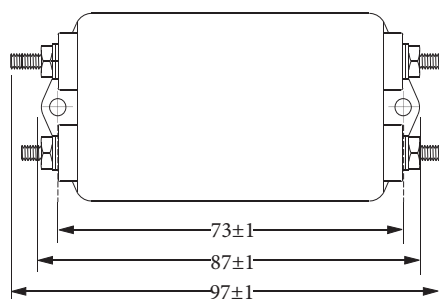
EN外壳样式 : EN Case Styles



EM外壳样式 : EM Case Styles



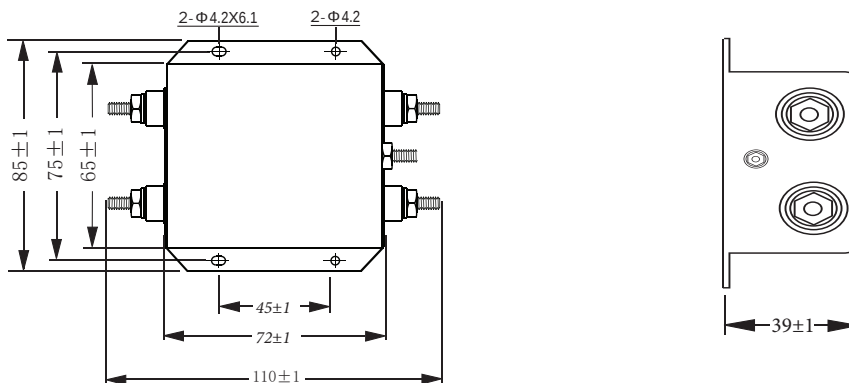
EK外壳样式 : EK Case Styles



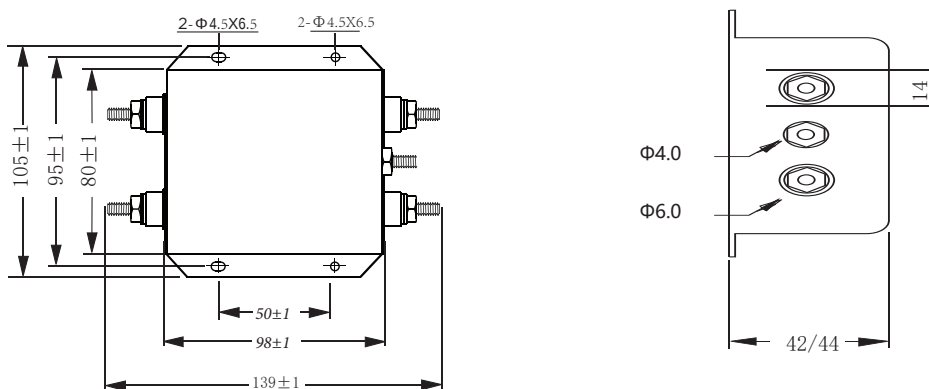
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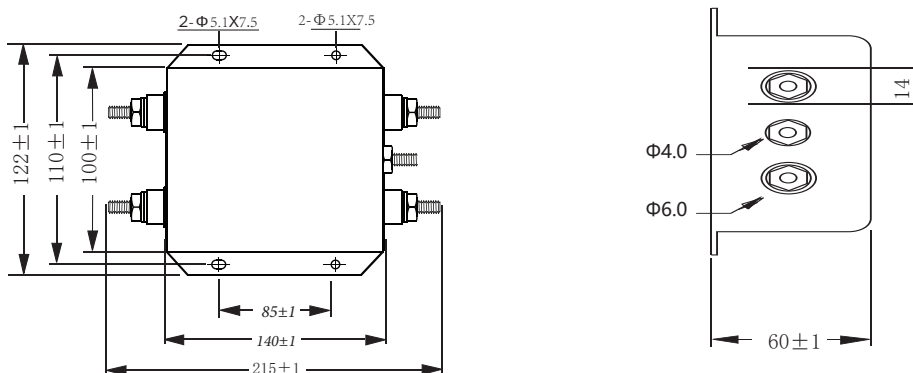
ES外壳样式 : ES Case Styles



ER外壳样式 : ER Case Styles

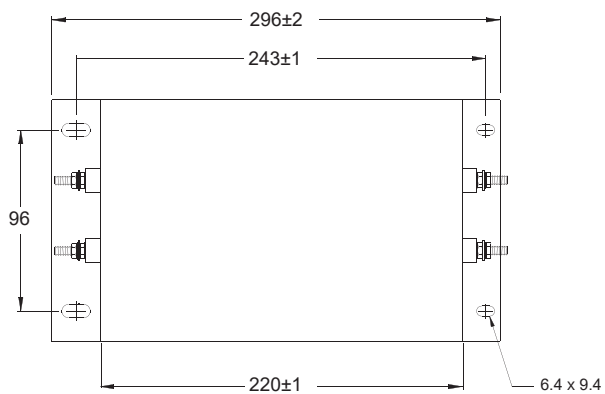


EY外壳样式 : EY Case Styles

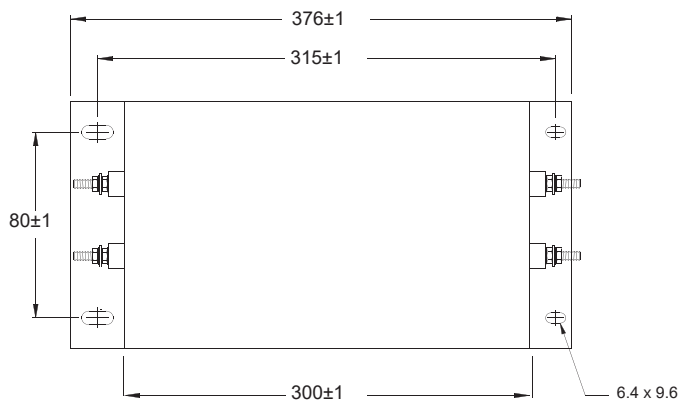


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EU外壳样式 : EU Case Styles



EJ外壳样式 : EJ Case Styles



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性能参数

Performance Data

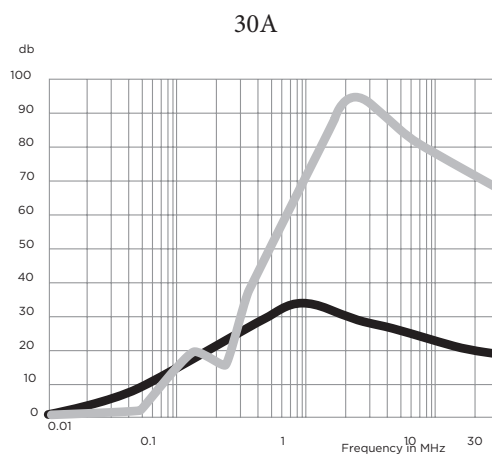
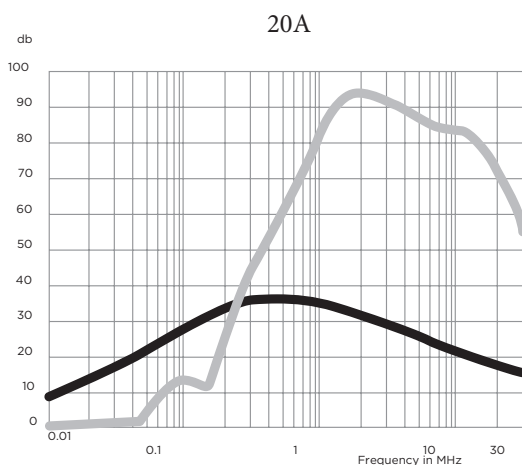
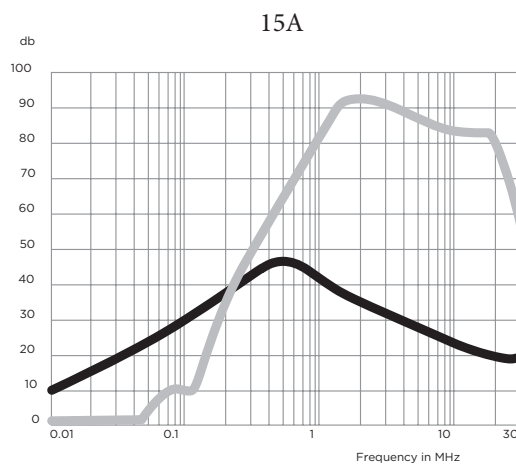
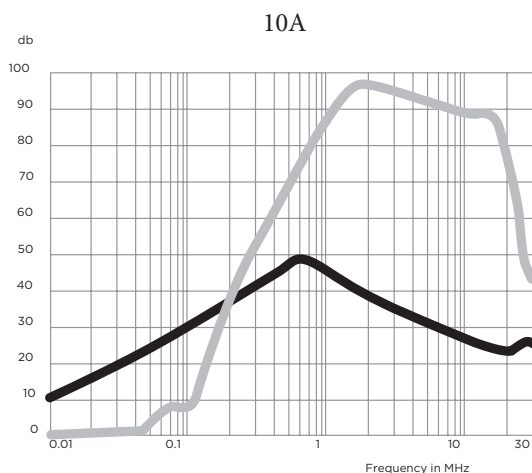
典型插入损耗

Typical Insertion Loss

在封闭的50欧姆系统中测量

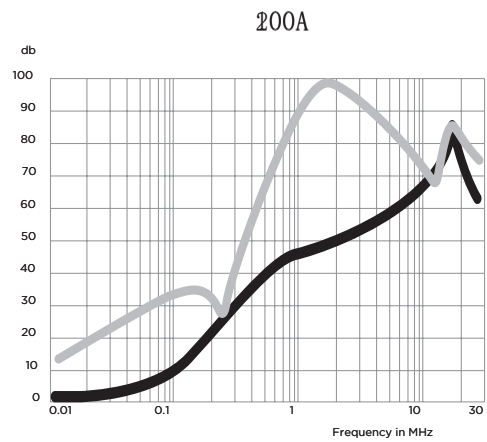
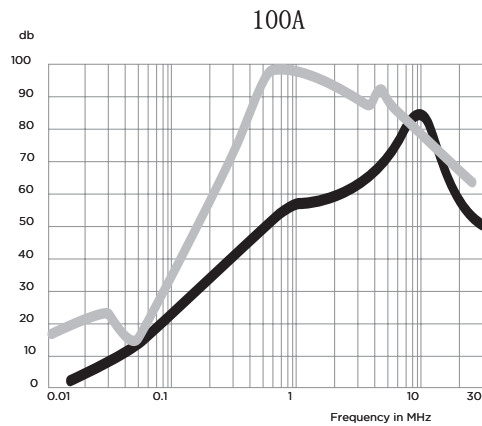
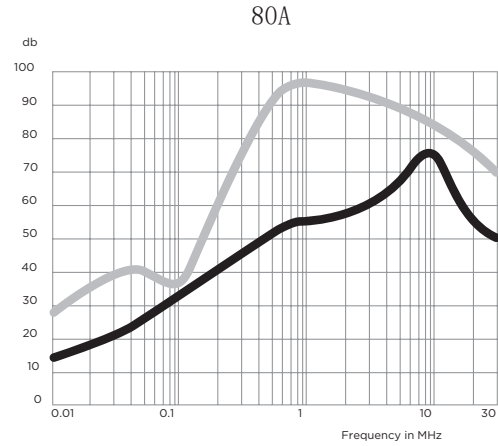
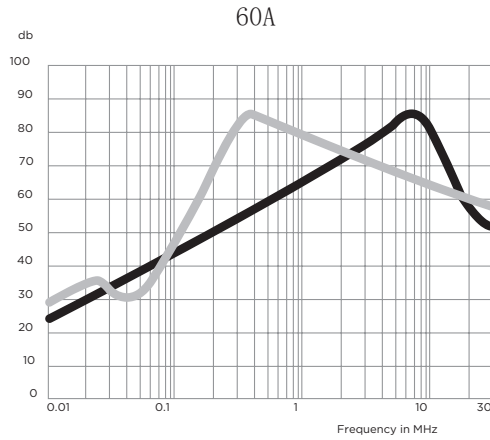
Measured in closed 50 Ohm system

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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最小插入损耗 Minimum Insertion Loss

共模/不对称 (线对地)

Common Mode / Asymmetrical (Line to Ground)

Part No.	Frequency – MHz								
	.01	.05	.1	.15	.5	1	5	10	30
10A	7	21	25	31	43	40	26	21	14
15A	7	27	27	30	43	37	24	17	12
20A	5	19	24	28	31	29	14	9	4
30A	-	5	11	14	27	30	20	17	14
60A	22	31	43	45	51	65	70	80	52
80A	22	31	43	45	51	65	70	80	49
100A	22	31	43	45	51	57	70	82	50
200A	2	9	19	28	36	48	70	83	60

差模/对称 (线对线)

Differential Mode / Symmetrical (Line to Line)

Part No.	Frequency – MHz								
	.01	.05	.1	.15	.5	1	5	10	30
10A	-	-	4	21	63	80	80	74	36
15A	-	-	7	15	51	77	80	74	48
20A	-	-	11	9	54	77	74	69	47
30A	-	-	13	14	47	67	76	70	58
60A	27	39	42	35	80	97	90	84	58
80A	27	39	42	35	80	97	90	84	69
100A	27	39	42	35	80	97	90	84	65
200A	27	39	42	35	80	97	90	84	74