

ZYH-D系列直流EMI电源滤波器
ZYH-D series DC EMI filter

ZYH-D系列
ZYH-D series



D 系列 : D Series

特点和应用: Features and Applications

主要应用于直流电源线的电磁干扰
Main DC power cord to the electromagnetic interference

在很宽的频带 (10KHz—30MHz) 范围内具有优良的共模和差模插入损耗

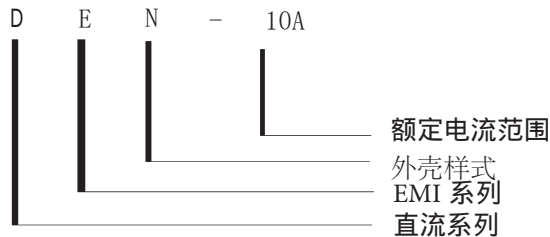
Suppressing both CM and DM in a wide frequency range
范围内具有优良的共模和差模插入损耗

Suppressing both CM and DM in a wide frequency range
(10KHz-30MHz)

高性能、低温升、低价格

High-performance, low-temperature rise, low prices 可
协助使用直流电源的各类电子设备达到VDE和FCC等标准To
ensure the use of direct current power supply to the
various electronic equipment such as VDE and FCC
standards

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
DEO	1-10	≥ 500	
DEF	3-6	≥ 500	
DEL	3-10	≥ 500	
DEB	10-20	≥ 500	
DEN	10-20	≥ 500	
DEM	10-20	≥ 500	
DEK	10-30	≥ 500	
DES	10-30	≥ 500	
DER	40-60	≥ 500	
DEY	60-80	≥ 500	
DEU	80-100	≥ 500	
DEJ	100-300	≥ 500	
DET	300-100	≥ 500	



规格: Specifications

每条线路对地的最大泄漏电流:

Maximum leakage current each Line to Ground:

@ 250 VDC 50 /60Hz: DEO DEF DEL DEB DEN DEM
 $\leq 0.5\text{mA} \leq 0.5\text{mA} \leq 0.5\text{mA} \leq 1.0\text{mA} \leq 1.0\text{mA} \leq 1.5\text{mA}$

@ 250 VDC 50 /60Hz: DEK DES DER DEY DEU DEJ DET
 $\leq 2.0\text{mA} \leq 2.0\text{mA} \leq 2.0\text{mA} \leq 3.0\text{mA} \leq 3.0\text{mA} \leq 3.0\text{mA} \leq 8.0\text{mA}$

Hipot额定值 (一分钟):

Hipot rating (one minute):

线路对地: 800VDC/1800VDC

Line to Ground:

线对线: 100VDC/1500VDC

Line to Line:

工作电压: 12-1000VDC

Rated Voltage (max.):

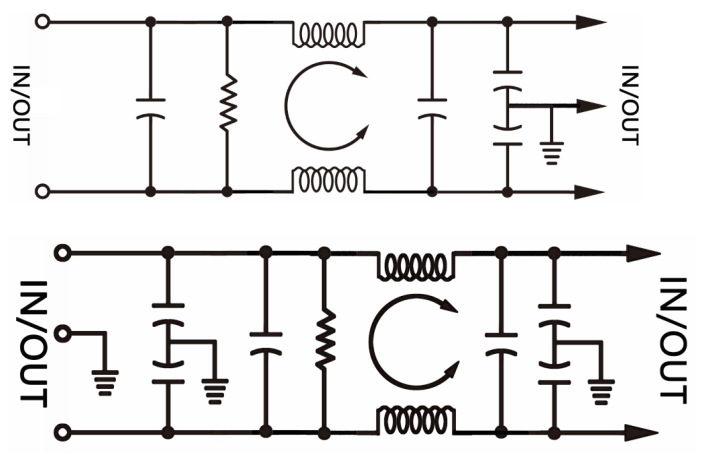
额定电流: 0.5-1000A

Rated Current:

气候类别: 25/085/21

Climatic Category

电路原理图Electrical Schematics



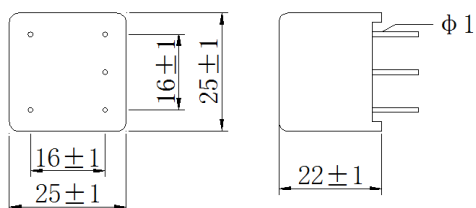
ZYH-D系列直流EMI电源滤波器
ZYH-DseriesDCEMIfilter

ZYH-D系列
ZYH-D series

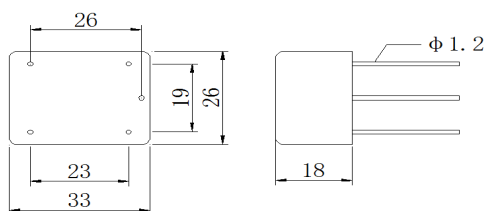
外壳样式 : Case Styles

DE0外壳样式 : DE0 Case Styles

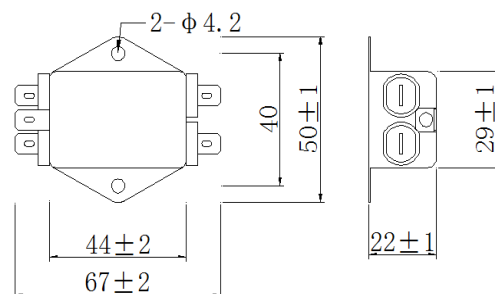
样式1 : CaseStyles One



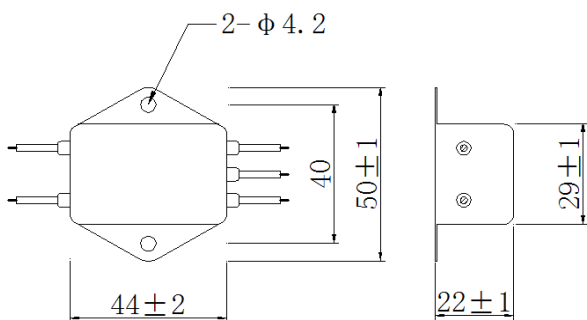
样式2 : CaseStyles Two



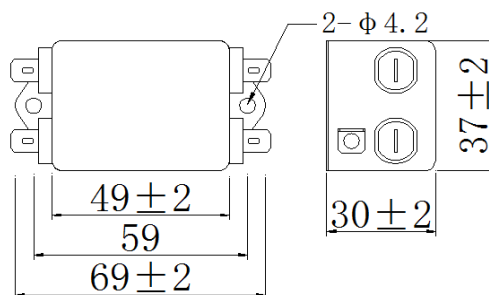
DEF外壳样式 : DEF Case Styles



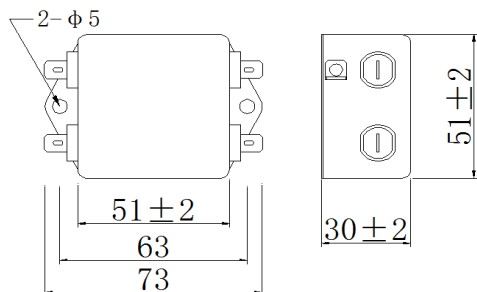
DEL外壳样式 : DEL Case Styles



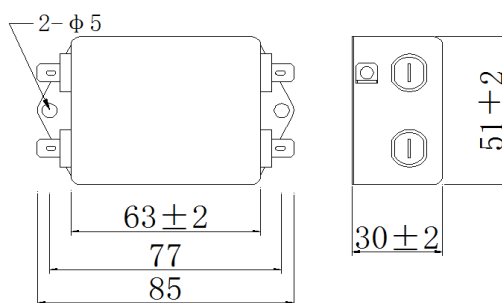
DEB外壳样式 : DEB Case Styles



DEN外壳样式 : DEN Case Styles



DEM外壳样式 : DEM Case Styles

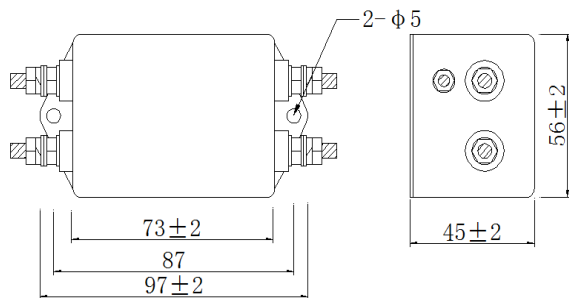


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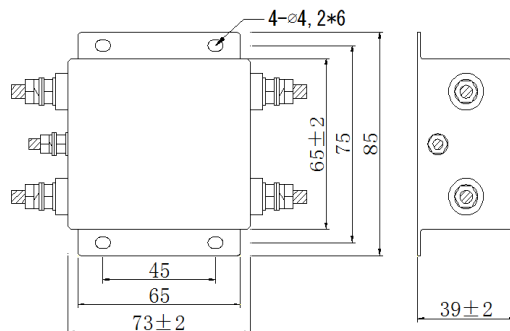
ZYH-D系列
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外壳样式 : Case Styles

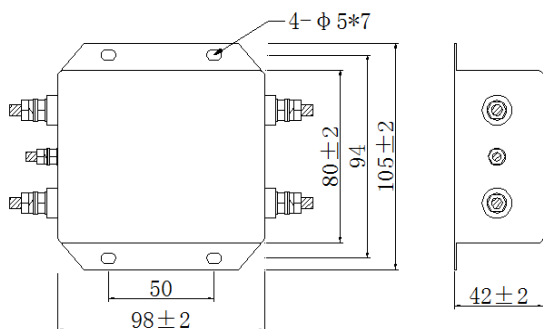
DEK外壳样式 : DEK Case Styles



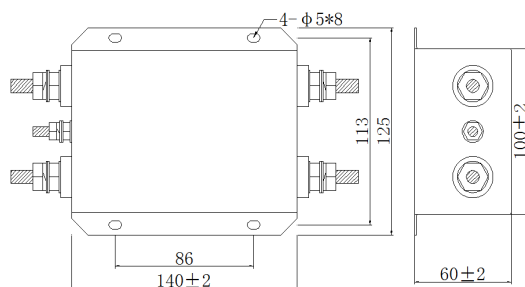
DES外壳样式 : DES Case Styles



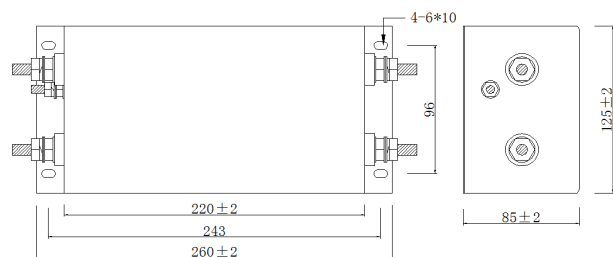
DER外壳样式 : DER Case Styles



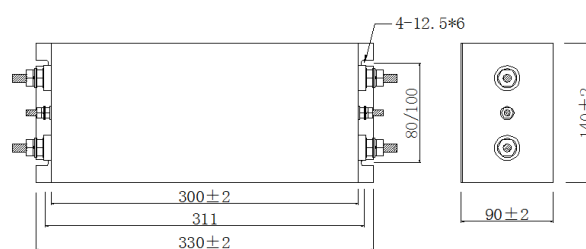
DEY外壳样式 : DEY Case Styles



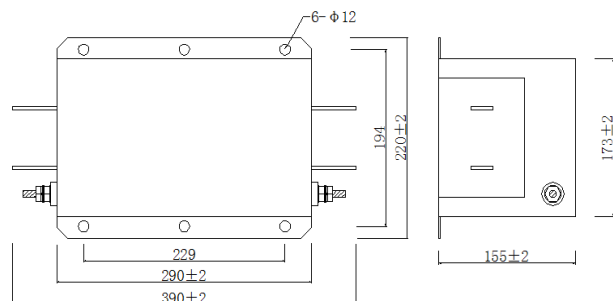
DEU外壳样式 : DEU Case Styles



DEJ外壳样式 : DEJ Case Styles



DET外壳样式 : DET Case Styles



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性能参数

Performance Data

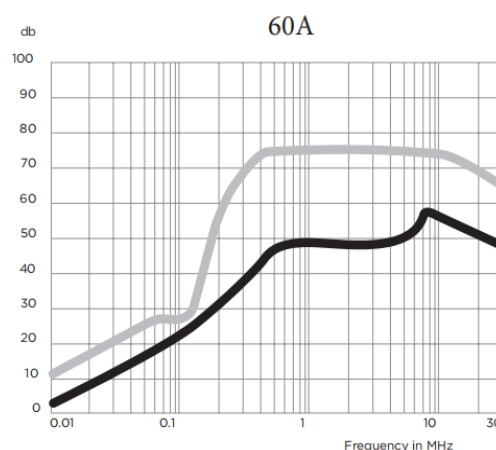
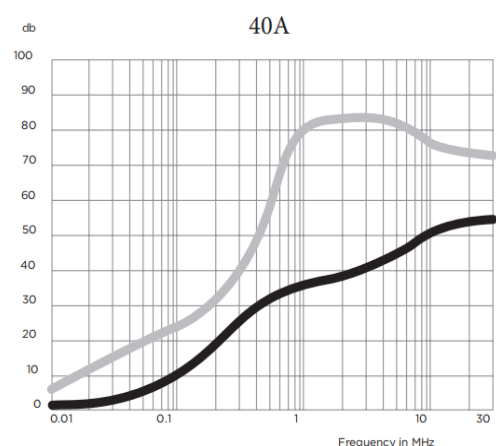
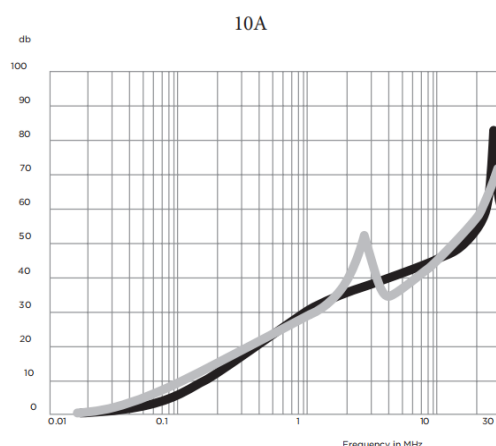
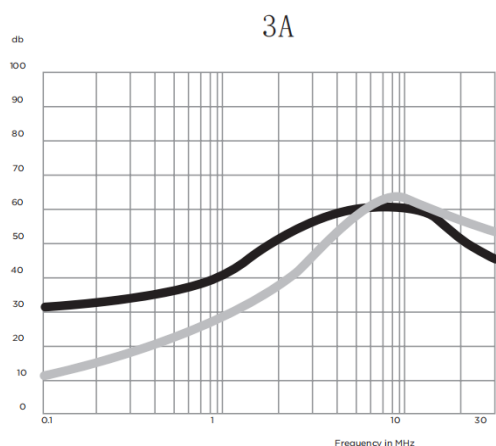
典型插入损耗

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)

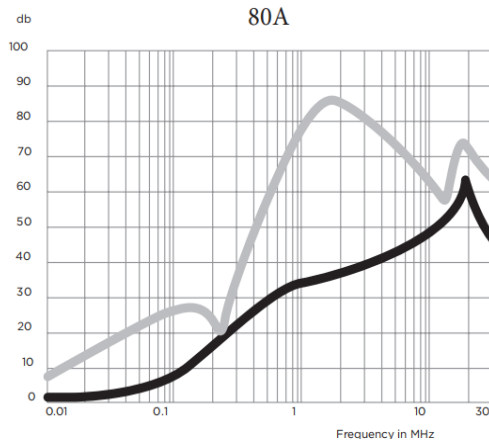


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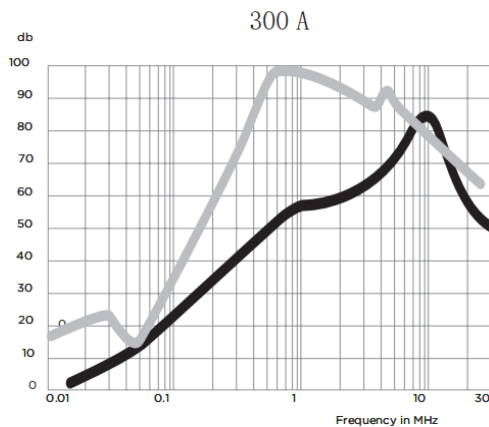
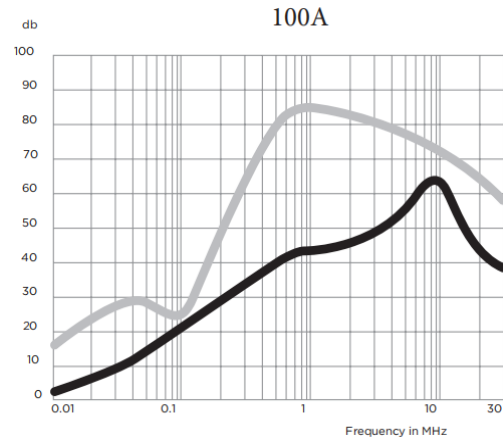
ZYH-D系列
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性能参数
Performance Data

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)



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
3A	22	31	43	45	51	65	70	80	52
10A	00	05	15	20	25	29	40	55	70
40A	07	15	43	45	51	57	70	82	50
60A	09	18	43	50	55	65	70	80	52
80A	08	28	23	32	83	83	70	80	57
100A	18	27	25	30	85	85	70	82	58
1000A	18	20	29	35	60	98	90	79	62

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
3A	22	31	43	45	51	65	70	80	52
10A	00	04	08	15	23	28	35	45	60
40A	01	07	22	45	51	57	70	82	50
60A	03	09	15	45	51	65	70	80	52
80A	01	31	43	45	51	65	70	80	49
100A	02	08	20	22	51	46	60	68	38
1000A	00	05	20	30	35	58	60	82	50