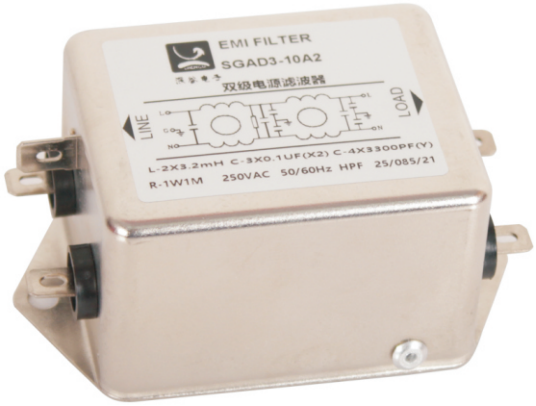
特点和应用:Features andApplications

- ◆ 在很宽的频带内具有极高的共模和差模插入损耗
- ◆ 对连续或间歇脉冲干扰具有较高的抑制作用
- ◆ 极佳的高频干扰抑制特性
- ◆ 可广泛应用于单片机系统和开关电源
- ● Very high differential and common mode attenuation
- ● High suppression for continuous and intermittent pulse interference
- ● Good high frequency attenuation
- ● Available for Single-Chip computer systems and switching power supplies



技术参数:Technical Specifications

额定电压 Rated Voltage	115/250VAC
工作频率 Operating Frequency	50/60Hz
额定电流 Rated Current	1—600A
耐压试验(一分钟) Test Voltage(1min)	1500VDC(Line/Line) 1500VAC/2250DC(Line/Ground)
气候类别 Climatic Category	25/085/21

型号 Model	额定电流 Rated Current (A)	外型尺寸 Dimesion fig	绝缘电阻 Insulation Resistance	泄漏电流 Leakage Current (≤mA)	电路图 Circuit Diagram fig	端接方式 Terminal			
SGAA1-3A2	3A	1	≥500MΩ	0.9	1				
SGAA1-6A2	6A	1	≥500MΩ	0.9	1				
SGAL1-3A2	3A	2	≥500MΩ	0.9	1				
SGAL1-6A2	6A	2	≥500MΩ	0.9	1				
SGAV3-3A2	3A	3	≥500MΩ	0.9	1				
SGAV3-6A2	6A	3	≥500MΩ	0.9	1				
SGAD3-6A2	6A	4	≥500MΩ	0.9	2				
SGAD3-10A2	10A	4	≥500MΩ	0.9	2				
SGAD3-20A2	20A	4	≥500MΩ	0.9	2				
SGAE4-10A2	10A	5	≥500MΩ	0.9	2				
SGAE4-20A2	20A	5	≥500MΩ	1.2	2				
SGAG4-30A2	30A	6	≥500MΩ	0.7	2				
SGAU4-40A2	40A	7	≥500MΩ	1.5	2				
SGAH4-50A2	50A	8	≥500MΩ	1.5	2				
SGAH4-60A2	60A	8	≥500MΩ	1.5	2				
SGAT4-80A2	80A	9	≥500MΩ	1.5	2				
SGAT4-100A2	100A	9	≥500MΩ	2.5	2				
SGAI4-150A2	150A	10	≥500MΩ	2.5	2				
SGAI4-200A2	200A	10	≥500MΩ	2.5	2				
SGAO5-300A2	300A	11		12	2				
SGAO5-400A2	300A	11		12	3				
SGAO5-500A2	500A	11		12	3				
SGAO5-600A2	600A	11		12	3				

备注:可根据客户要求定做滤波器

Note: Customers may request customized filters

电路原理图:Electrcal Schematics

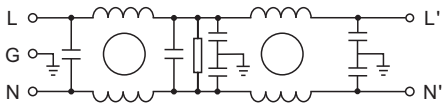


Fig.1

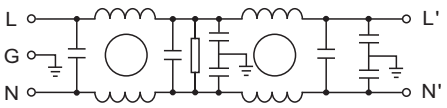


Fig.2

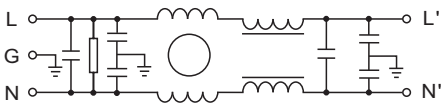
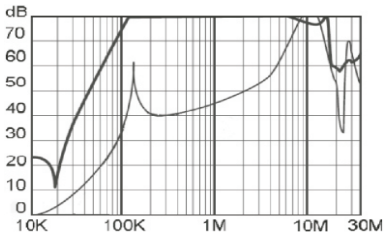


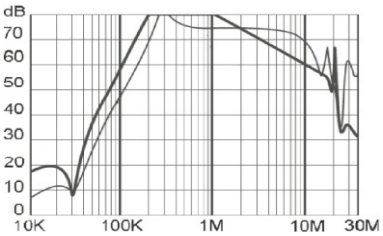
Fig.3

典型插入损耗:(50Ω测试系统) Typical Insertion Losses:(Measured in50Ω system)

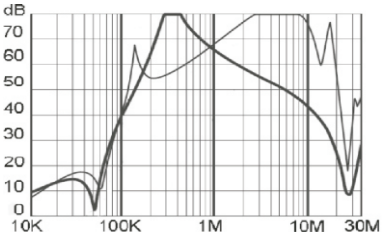
––共模(Common Mode) --差模(Differential Mode)



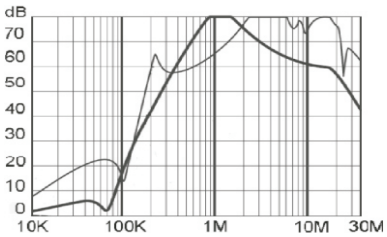
SGAL1-3A2



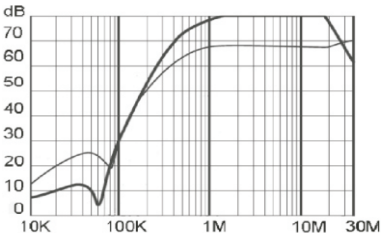
SGAD3-6A2



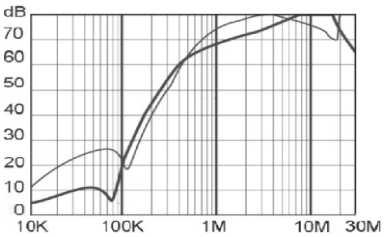
SGAD3-10A2



SGAH4-80A2



SGAI4-200A2



SGAO5-500A2

外形尺寸图:Outline Drawing&Dimensions

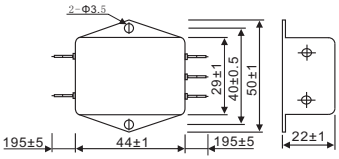


Fig.1

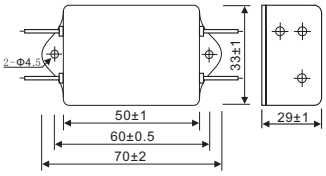


Fig.2

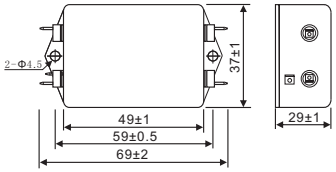


Fig.3

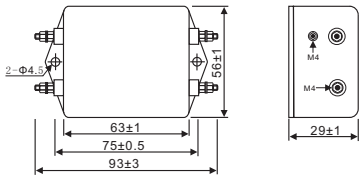


Fig.4

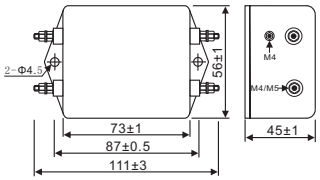


Fig.5

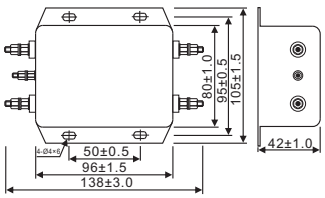


Fig.6

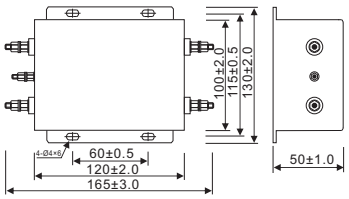


Fig.7

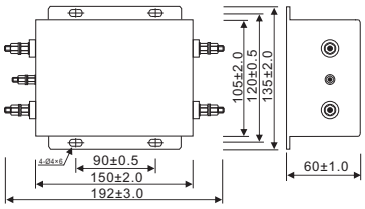


Fig.8

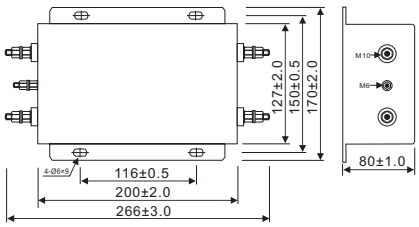


Fig.9

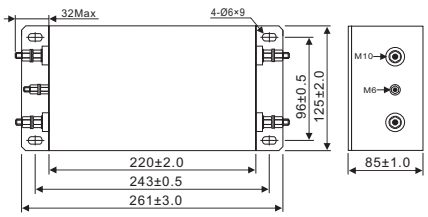


Fig.10

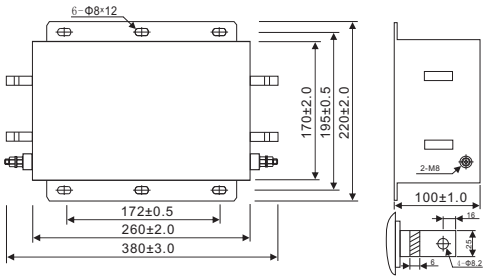


Fig.11

安装指导

(1)滤波器金属外壳与机箱平面保证良好接触,并且确保机箱地线接地.滤波器安装时,输入与输出线拉开距离,切勿平行走线,避免任何形式的线间耦合。
(2)滤波器的安装位置紧靠机箱电源输入端口,最大限度缩短输入线在机箱内的长度,减少辐射干扰。
(3)螺栓式及端子式滤波器,安装输入输出接线时,锁螺母和锁螺钉时，力度不应超过螺栓最大扭矩。
(4)避免短路,滤波器端口连接接线建议做绝缘处理。

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