



特点和应用 Features and Applications

- ◆ 较小的泄漏电流，可满足医疗器械特殊要求
- ◆ 适用于抑制电网及开关电源所产生的噪声和高频谐波
- ◆ 较高的插入损耗，较小的泄漏电流
- ◆ 能有效地抑制线与线、线与地之间的EMI噪声干扰
- ◆ 用于各种电子设备和电子测量仪器
- Low leakage current to meet with medical machine special requirements
- Applicable to suppressing noise and high frequency harmonic in power
- Low leakage current with high insert lose of noise
- Control EMI interference between line and line ,line and ground
- Available for electronic equipments and measuring instruments



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	3A—250A
耐压试验(一分钟) Test Voltage(1min)	1500VDC(Line/Line) 1750VAC(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 Dimension fig	绝缘电阻 Insulation Resistance	泄漏电流 Leakage Current (mA)	电路图 Circuit Diagram fig	端子方式 Terminal		
SGAA1-3A	3A	1	≥500MΩ	0.5	1			
SGAA1-6A	6A	1	≥500MΩ	0.5	1			
SGAA1-10A	10A	1	≥500MΩ	0.7	2			
SGAB3-3A	3A	2	≥500MΩ	0.5	1			
SGAB3-6A	6A	2	≥500MΩ	0.5	1			
SGAB3-10A	10A	2	≥500MΩ	0.7	2			
SGAV3-10A	10A	3	≥500MΩ	0.7	2			
SGAC23-10A	10A	4	≥500MΩ	0.7	2			
SGAC23-20A	20A	4	≥500MΩ	0.7	2			
SGAC3-10A	10A	5	≥500MΩ	0.7	2			
SGAC3-20A	20A	5	≥500MΩ	0.7	2			
SGAD3-10A	10A	6	≥500MΩ	0.7	2			
SGAD3-20A	20A	6	≥500MΩ	0.7	2			
SGAD4-30A	30A	6	≥500MΩ	1.0	2			
SGAE4-30A	30A	7	≥500MΩ	1.0	2			
SGAF4-30A	30A	8	≥500MΩ	1.0	2			
SGAG4-40A	40A	9	≥500MΩ	1.0	2			
SGAG4-50A	50A	9	≥500MΩ	1.0	2			
SGAG4-60A	60A	9	≥500MΩ	1.0	2			
SGAH4-70A	70A	10	≥500MΩ	1.0	2			
SGAH4-80A	80A	10	≥500MΩ	1.0	2			
SGAH4-100A	100A	10	≥500MΩ	2.0	2			
SGAH4-150A	150A	10	≥500MΩ	2.0	2			
SGAI4-200A	200A	11	≥500MΩ	2.0	2			
SGAI4-250A	250A	11	≥500MΩ	2.0	2			

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 Electrical Schematics

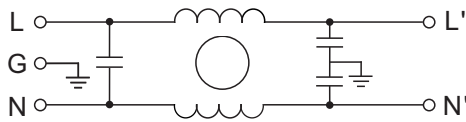


Fig.1

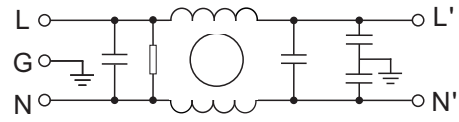
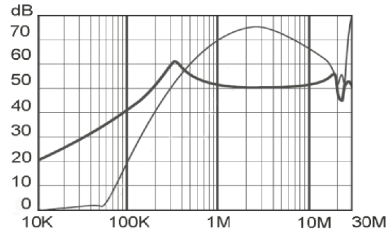


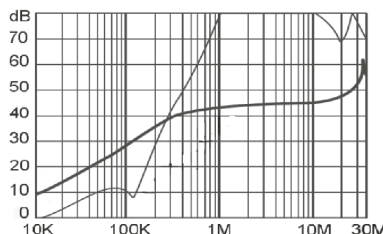
Fig.2

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

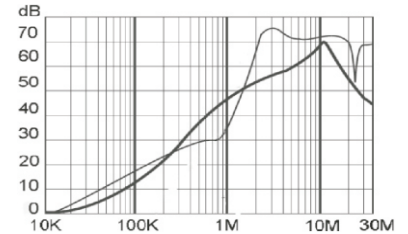
--共模 (Common Mode) -- 差模 (Differential Mode)



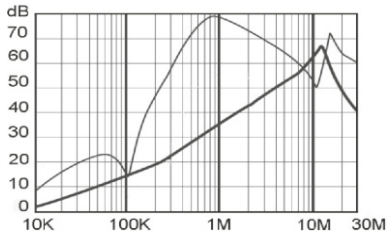
SGAA1-3A



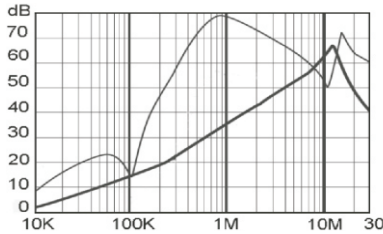
SGAD3-20A



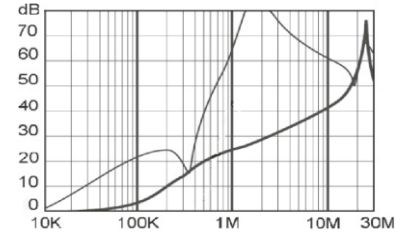
SGAF4-30A



SGAG4-60A



SGAH4-80A



SGAH4-150A

外形尺寸图: Outline Drawing & Dimensions

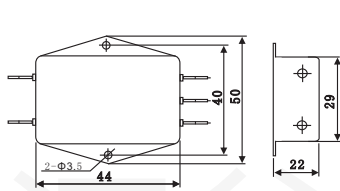


Fig.1

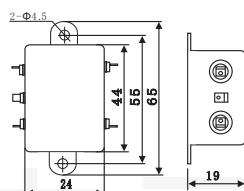


Fig.2

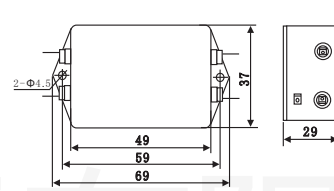


Fig.3

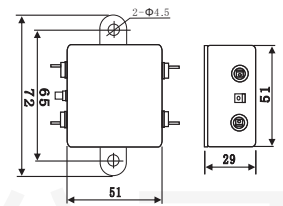


Fig.4

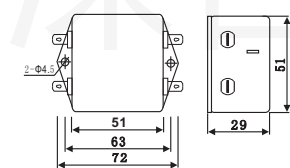


Fig.5

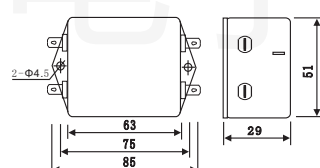


Fig.6

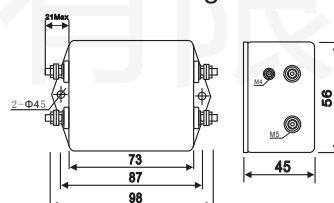


Fig.7

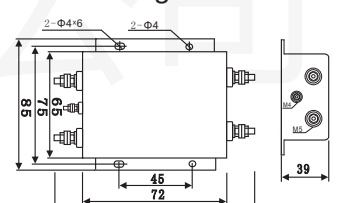


Fig.8

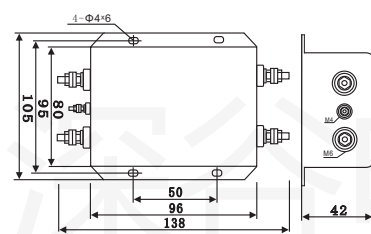


Fig.9

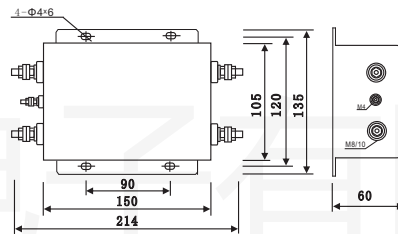


Fig.10

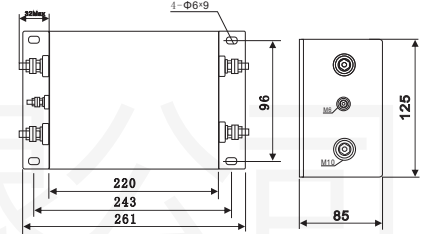


Fig.11

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) 焊片及引线通过焊接连接时, 防止焊片和引线有氧化现象, 请选用带活性助焊剂的锡丝焊接, 并且调整好焊具所需温度, 实现最佳的焊接效果.
- (4) 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.
- (5) 避免短路, 滤波器端口连接接线建议做绝缘处理.