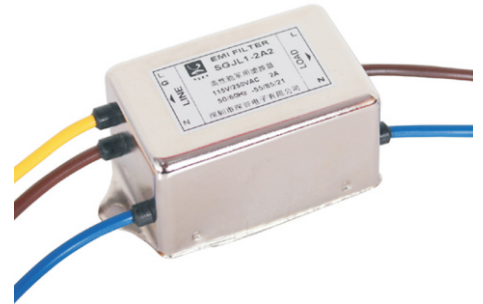




## 特点和应用: Features and Applications

- ◆ J系列专为通过电磁兼容GB151A/GB152中的传导干扰要求设计开发
- ◆ 极佳的低频衰减特性, 具有良好的共模和差模干扰抑制性能
- ◆ 满足军标要求, 适用于有开关电源、数字电路以及易受干扰的军用设备
- J series is specially designed and developed to meet the conducted interference requirements in electromagnetic compatibility gb151a / gb152
- Excellent low frequency attenuation characteristics, good common mode and differential mode interference suppression performance  
It meets the requirements of military standard and is suitable for military equipment containing switching
- power supply, digital circuit and vulnerable to interference



## 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—50A
耐压试验(一分钟) Test Voltage(1min)	1500VDC(Line/Line) 2000VAC(Line/Ground)
气候类别 Climatic Category	55/085/21
平均无故障时间 MTBF	0.3Million hours@40°C/250VAC

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 ( $\mu$ mA)	电路图 Circuit Diagram fig	端子方式 Terminal		
						⚡	🔌	🔌⊕
SGJL1-1A2	1A	1	$\geq 500\text{M}\Omega$	0.5	1	⚡		
SGAL1-3A2	3A	1	$\geq 500\text{M}\Omega$	0.5	1	⚡		
SGJD3-3A2	3A	2	$\geq 500\text{M}\Omega$	0.5	1		🔌	
SGJD3-6A2	6A	2	$\geq 500\text{M}\Omega$	1.0	1		🔌	
SGJD3-3A3	6A	2	$\geq 500\text{M}\Omega$	1.0	2		🔌	
SGJE4-6A3	6A	3	$\geq 500\text{M}\Omega$	1.5	2		🔌	🔌⊕
SGJG4-10A3	10A	4	$\geq 500\text{M}\Omega$	2.0	2		🔌	🔌⊕
SGJG4-20A3	20A	4	$\geq 500\text{M}\Omega$	2.0	2		🔌	🔌⊕
SGJH4-30A3	30A	5	$\geq 500\text{M}\Omega$	2.0	2			🔌⊕
SGJI4-50A3	50A	6	$\geq 500\text{M}\Omega$	2.0	2			🔌⊕

## 电路原理图: Electrical Schematics

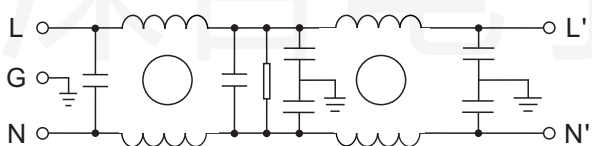


Fig.1

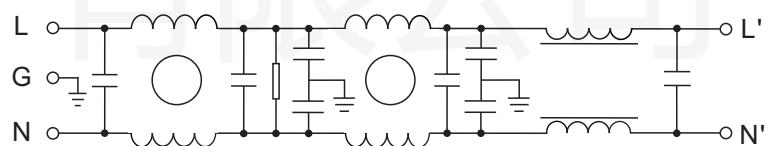


Fig.2

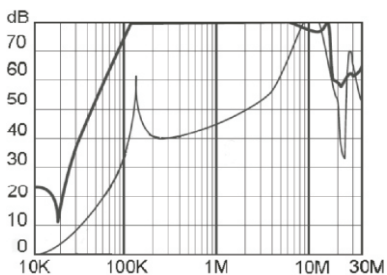
备注:可根据客户要求定做滤波器

Note:Customers may request customized filters

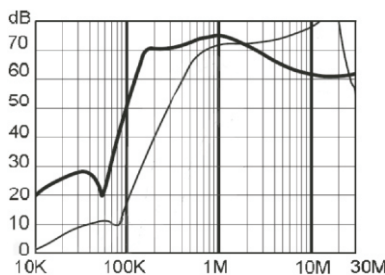


典型插入损耗：(50Ω 测试系统) Typical Insertion Losses: (Measured in 50Ω system)

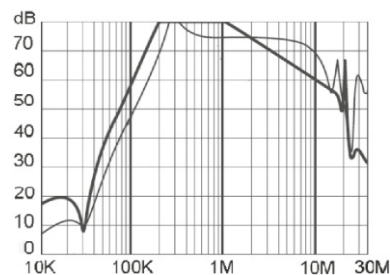
-- 共模 (Common Mode) -- 差模 (Differential Mode)



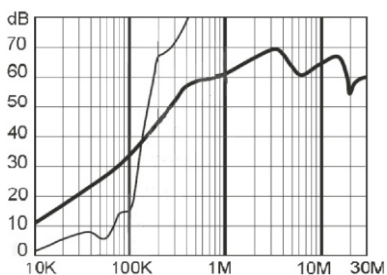
SGJL1-3A



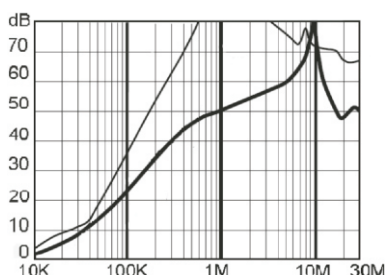
SGJD3-3A



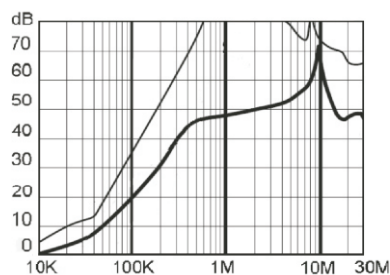
SGJE4--6A2



SGJG4-10A3



SGJH4-30A3



SGJI4-50A3

外形尺寸图: Outline Drawing & Dimensions

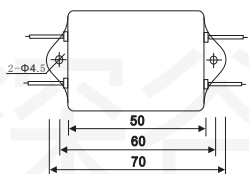


Fig.1

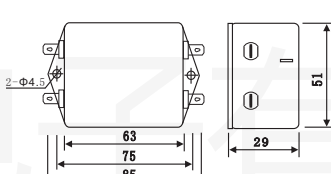


Fig.2

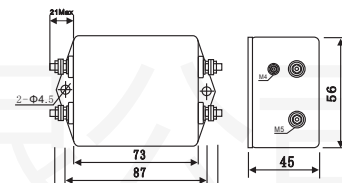


Fig.3

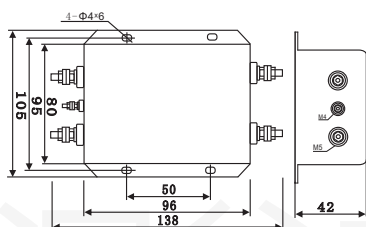


Fig.4

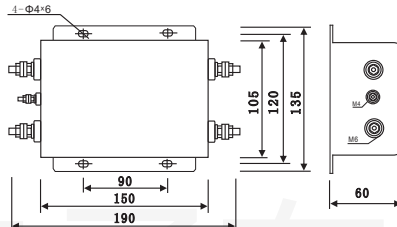


Fig.5

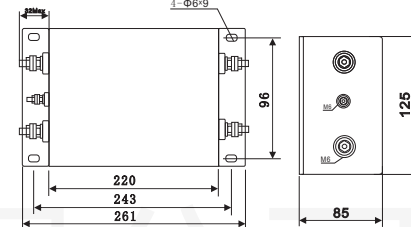


Fig.6

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。