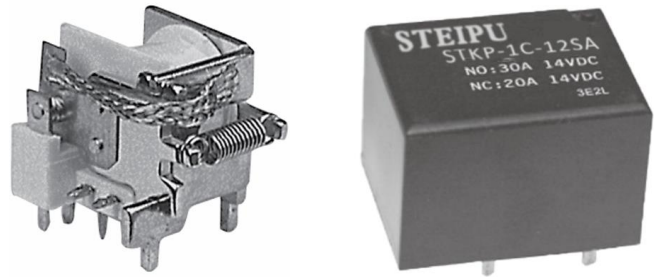


特性 Features

- 美规端子可供选择 American footprint available
- 高灵敏度可选 High sensitivity optional
- 敞开型（无外盖）可选 Open type(without cover) available
- 触点切换能力40A Contact switching capacity 40A



典型应用 Application

- 汽车灯载/中央门锁系统/直流马达控制。 Car light load/central gate lock system/DC motor control.

触点参数 Contact Data	
触点形式 Contact Arrangement	1A, 1C
触点额定 Contact Rating	40A/14VDC NO: 40A/14VDC NC: 20A/14VDC
最大切换电压 Max. Switching Voltage	14VDC
最大切换电流 Max. Switching Current	40A
触点材质 Contact Material	银合金 Ag alloy
接触电阻 Contact Resistance	Max.100mΩ (1A 5VDC)
动作/释放时间 Operate Time/ Release Time	≤5ms/≤4ms
最小切换负载 Min. switching load	100mA 5VDC
电耐久性 Electrical Endurance	1*10 ⁵ ops.
机械耐久性 Mechanical Endurance	1*10 ⁷ ops. (最大转换频率: 18000次/小时 Maximum conversion frequency: 18000 times/hour)
最大切换功率 Max. Switching Power	560W

备注: (1) 电耐久性是采用其中的常开触点或者常闭触点进行测试的数据。
Note: (1) Electrical durability is tested using the normally open contact or normally closed contact.

线圈参数 Coil Data (标准型 Standard)	
线圈电压范围 Coil Voltage Range	3~24 VDC
容许最大电压 Max. Continuous	额定电压的110% 110% of Rated Voltage
额定线圈功率 Coil Rating Power	1.6W

性能参数 Characteristics		
绝缘电阻 Insulation Resistance		100MΩ Min (at 500VDC)
介质耐压 Dielectric Strength	断开触点间 Between Open Contacts	1000Vrms 1min
	线圈与触点间 Between Coil and Contact	1500Vrms 1min
温度范围 Temperature Range		-40~+85°C
湿度 Ambient Operating Humidity		35%~85%RH
振动 Vibration Resistance		10Hz-55Hz, at double amplitude 1.5mm 频率 10Hz-55Hz, 双振幅 1.5mm
冲击 Shock	稳定性 Functional	10G
	强度 Destructive	100G
重量 Weight		敞开型Open type:Approx.16g 密封型Seal type:Approx.21g

线圈规格 Coil Voltage Specifications (标准型 Standard)			
额定电压 Nominal Coil	动作电压 Must Operate	释放电压 Release Coil	线圈电阻 Coil Resistance
VDC	VDC	VDC	Ω(±10%)
3	1.7	0.3	5.6
6	3.4	0.6	22.5
12	6.8	1.2	90
24	13.6	2.4	360

线圈参数 Coil Data (灵敏型 Sensitivity)	
线圈电压范围 Coil Voltage Range	6~24 VDC
容许最大电压 Max. Continuous	额定电压的110% 110% of Rated Voltage
额定线圈功率 Coil Rating Power	1.2W

- 注:
- a) 所有数值均为在环境温度+23℃下未预通电的线圈 All the performance data are for coils that are not pre energized at 23℃ ambient temperature.

线圈规格 Coil Voltage Specifications (灵敏型 Sensitivity)			
额定电压 Nominal Coil	动作电压 Must Operate	释放电压 Release Coil	线圈电阻 Coil Resistance
VDC	VDC	VDC	Ω(±10%)
6	4.5	0.6	30
9	6.75	0.9	67.5
12	9.0	1.2	120
24	18.0	2.4	480

- 注:
- a) 以上值为初始值 All the performance data are initial values.
- b) 线圈电阻是在线圈温度23℃，公差为±10% Coil resistance is tested at 23℃ ambient temperature, ±10% tolerance.

型号命名标准 Model Number Legend

	STKP	-1C	-12	L	S	E	,XXX
基本型号 Basic Type:	STKP						
触点结构 Contact Arrangement:	1A: 1 组常开 1 Form A; 1C: 1组转换 1 Form C						
线圈电压 Coil Voltage:	3, 6, 9, 12, 24VDC						
线圈功耗 Coil Power:	Blank: 1.6W L: 1.2W						
防护构造 Protective construction:	Blank: 敞开型Open type; S: 塑料密封型 Sealed						
端子形式 Terminal Type:	E: European Terminal 欧规端子脚 U: American Terminal 美式端子脚 A: American Special Terminal 美式特规端子脚						
特殊特性 Special Characteristic:	Blank:标准型Standard; XXX: 客户特殊特性号 Customer Special Feature Number						

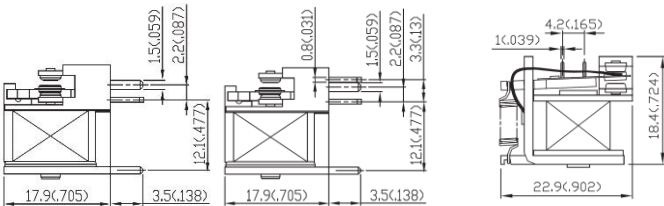
外形尺寸、PCB 布局、接线图 Outline Dimensions, PCB Layout, Wiring Diagram (mm)

外形尺寸 Outline Dimensions

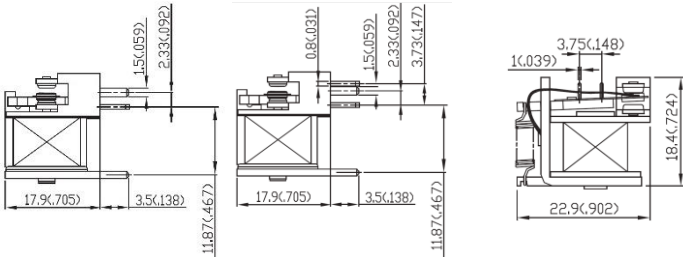
欧规开放型 Europe Open Type

美规开放型 American Open Type

- 1A型 1 Form A 1C型 1 Form C 1A/1C 型 1 Form A/C



- 1A型 1 Form A 1C型 1 Form C 1A/1C 型 1 Form A/C

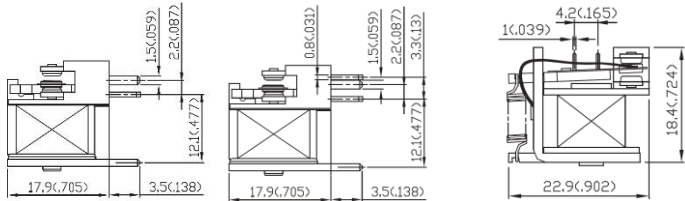


外形尺寸、PCB 布局、接线图 Outline Dimensions, PCB Layout, Wiring Diagram (mm)

外形尺寸 Outline Dimensions

美规特殊开放型 American Special Open Type

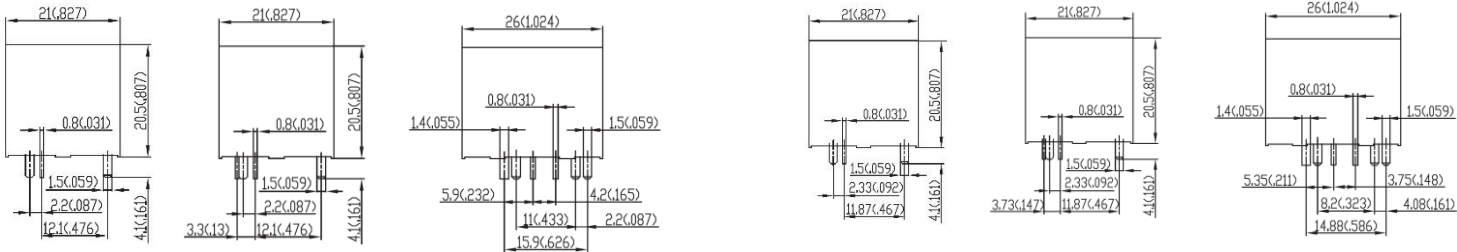
- 1A型 1 Form A
- 1C型 1 Form C
- 1A/1C 型 1 Form A/C



欧规密封型 Europe Sealed Type

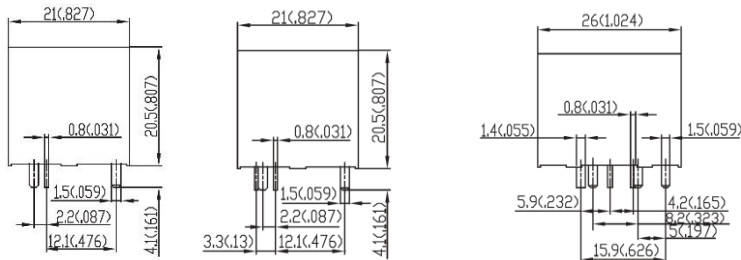
美规密封型 American Sealed Type

- 1A型 1 Form A
- 1C型 1 Form C
- 1A/1C 型 1 Form A/C
- 1A型 1 Form A
- 1C型 1 Form C
- 1A/1C 型 1 Form A/C



美规特殊密封型 American Special Sealed Type

- 1A型 1 Form A
- 1C型 1 Form C
- 1A/1C 型 1 Form A/C

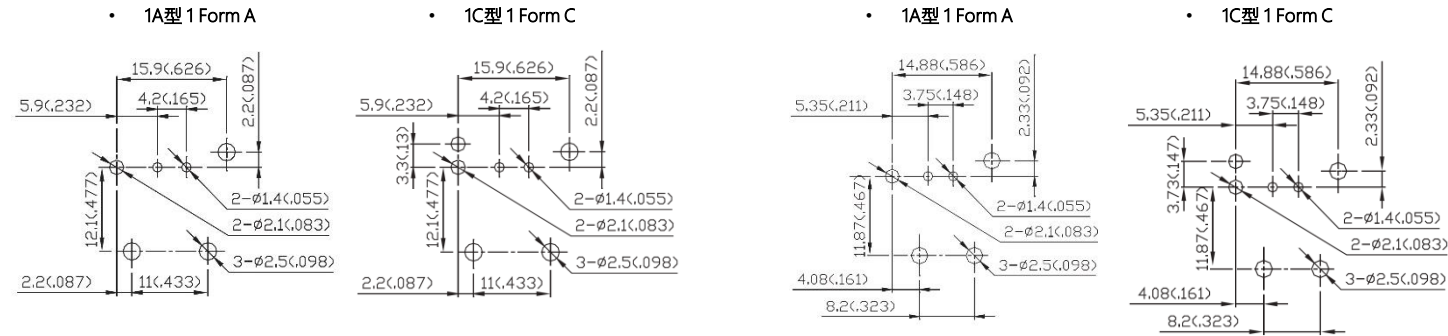


■ 外形尺寸、PCB 布局、接线图 Outline Dimensions, PCB Layout, Wiring Diagram (mm)

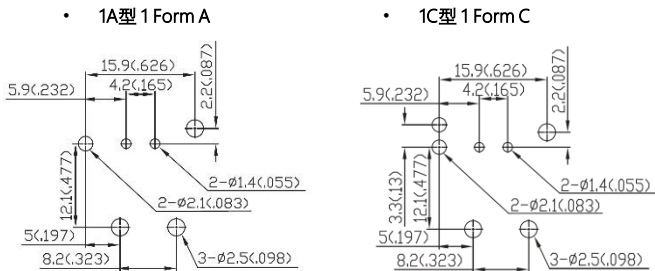
◆ 印刷线路板加工尺寸 PCB Outline Dimension Bottom View

● 欧规开放/密封型 Europe Open/Sealed Type

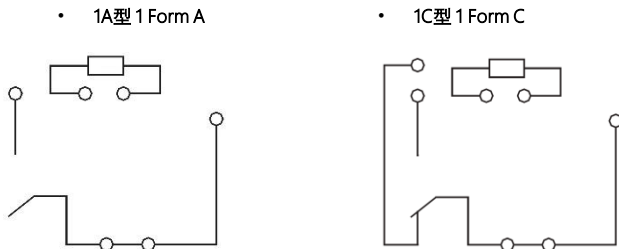
● 美规开放/密封型 American Open/Sealed Type



● 美规特殊开放/密封型 American Special Open/Sealed Type



◆ 接线图 Wiring Diagram Bottom View



注 Note:

未注尺寸公差 Unspecified tolerance : <1mm: ±0.2 mm, 1~5 mm: ±0.3mm, >5mm: ±0.5mm ;

安装孔尺寸中未注尺寸公差为± 0.1 mm PC board layout dimensions hadn't specified tolerance is ±0.1mm.

免责声明:

本说明书仅供参考。

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