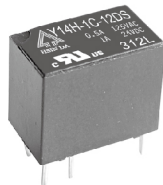


特点 FEATURES

- **UL安规认证**
UL safety approval.
- **1安培超小型继电器**
1 Amps super miniature relay.
- **1组转换接点**
1 Form C (SPDT) contact.
- **耐压:1,500伏特**
Surge strength:1,500V.
- **正常功率150mW ~ 200mW**
Nominal power 150mW ~ 200mW.
- **DIL 型端子**
DIL pitch terminal.
- **可清洗型 (不建议用超声波清洗)**
Washable type (ultrasonic cleaning is not recommended).



用途举例 USE EXAMPLES

电话机、Modem、传真、手提轻便设备、
音频设备、自动装置、通讯设备、无线电遥控、
声控玩具

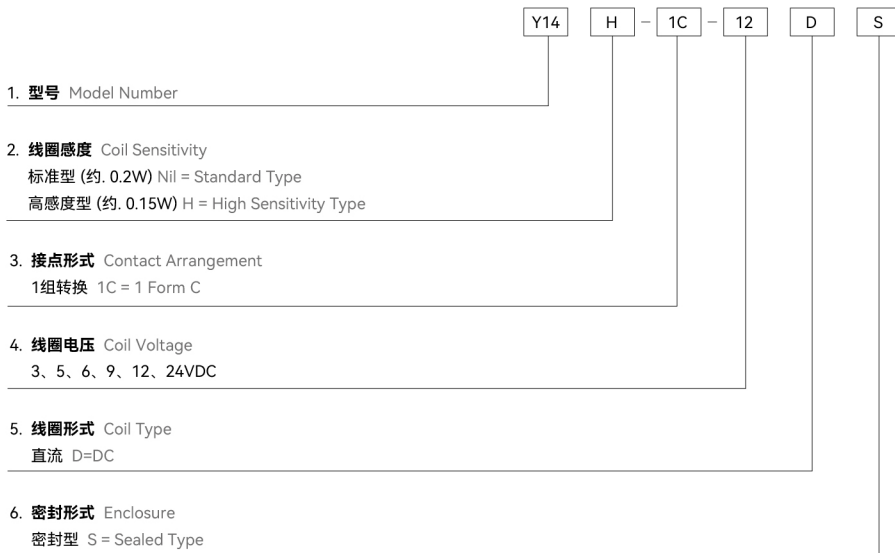
接点参数 CONTACT RATING

接点形式 Contact Form	1C SPDT
最大切换功率 Max. Switching Power	62.5VA 30W
最大切换电压 Max. Switching Voltage	125VAC 30VDC
最大切换电流 Max. Switching Current	1A
最小切换电流/电压 Min. Switching Current/Voltage	1mA 100mV
额定负载(阻性) Rating Load(Resistive)	0.5A 125VAC 1A 24VDC
接点材质 Contact Material	银合金 Ag Alloy

性能参数 CHARACTERISTICS

电气寿命 Electrical Life	1×10 ⁶	
机械寿命 Mechanical Life	1×10 ⁷	
绝缘阻抗 Insulation Resistance	Min. 100MΩ 500VDC	
接触电阻 Contact Resistance(Initial)	≤100mΩ (6VDC 100mA)	
动作时间 Operate Time	≤5ms	
开放时间 Release Time	≤5ms	
耐压 Initial Dielectric Strength	开放接点间 between open contacts: 50/60Hz 400VAC 1min 接点线圈间 between contacts and coil: 50/60Hz 1000VAC 1min.	
耐振动 Vibration Resistance	误动作: Functional:	10~55Hz 双振幅 Double Amplitude 1.5mm
	耐久: Destructive:	10~55Hz 双振幅 Double Amplitude 1.5mm
耐冲击 Shock Resistance	误动作: Functional:	10G
	耐久: Destructive:	100G
环境温度 Ambient Temperature	-30℃~+70℃ (无结冰 No freezing)	
相对湿度 Relative Humidity	85% at 40℃	
单位重量 Unit Weight	约Approx.2.2g	

型号代码说明 ORDERING INFORMATION



线圈额定值 (在20°C) COIL RATINGS (AT 20°C)

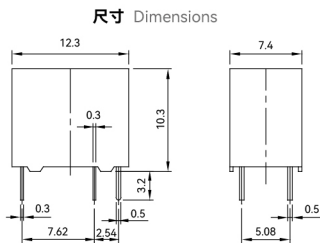
线圈形式 Coil Type	线圈额定电压 (V) Coil Nominal Voltage	线圈阻抗 ($\Omega \pm 10\%$) Coil Resistance	动作电压(V) (Max) Pick-Up Voltage	开放电压(V) (Min) Drop-Out Voltage	额定电流 (mA) Nominal Current
直流标准型线圈 (abt. 0.2W) DC Standard Coils	3	45	2.40	0.3	66.7
	5	125	4.00	0.5	40.0
	6	180	4.80	0.6	33.3
	9	405	7.20	0.9	22.2
	12	720	9.60	1.2	16.6
	24	2880	19.20	2.4	8.3
直流高感度型线圈 (abt. 0.15W) DC High Sensitivity Coils	3	60	2.40	0.3	50.0
	5	167	4.00	0.5	29.9
	6	240	4.80	0.6	25.0
	9	540	7.20	0.9	16.7
	12	960	9.60	1.2	12.5
	24	3840	19.2	2.4	6.25

* 最大使用电压在20°C:线圈额定电压的130%

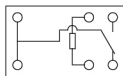
Max Continuous Voltage at 20°C: 130% of Coil Normal Voltage

外部尺寸 OUTLINE DIMENSIONS

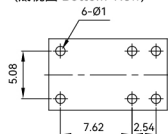
单位: 毫米 UNIT: mm



接线图 Internal Connections
(底视图 Bottom View)



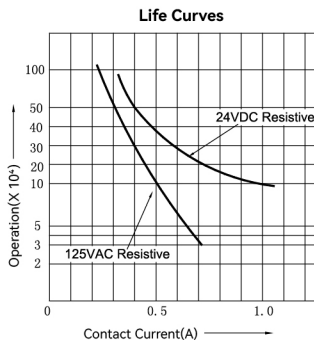
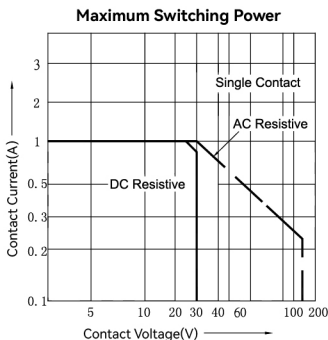
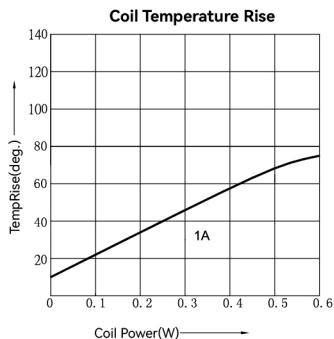
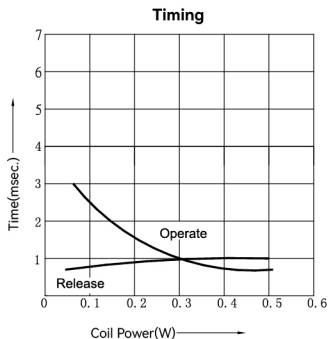
孔位图 PCB Layout
(底视图 Bottom View)



备注: 尺寸公差 $\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, 印刷电路板孔 $+0.2\text{mm}$

REMARK: Dimensions $\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, the tolerance of PCB thru hole: $+0.2\text{mm}$

参考资料 Y14 REFERENCE DATA



安规认证 SAFETY STANDARD

安规名称 Approval	线圈电压 Coil Voltage	接点额定值 Contact Rating
UL FILE NO.:E169563	DC:3V ~ 24V	0.5A 125VAC 1A 24VDC