

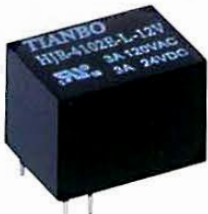
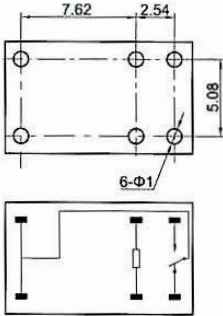
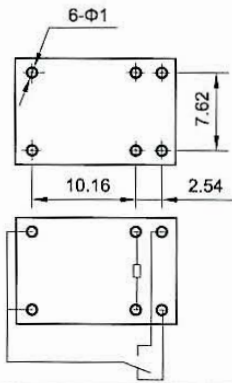
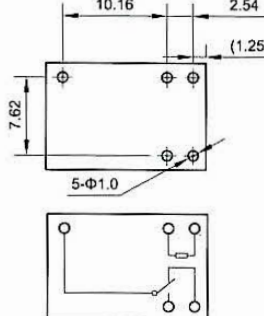


# Classification

# Telecom Relay

Type 型号	TR5V	HJR4102	HJR4102E
Appearance 图片			
Outline 外形尺寸 LxWxH(mm) 长x宽x高	12.4 x 7.4 x 10.0	15.8 x 10.8 x 11.8	15.8 x 10.8 x 11.8
Features 特性	<ol style="list-style-type: none"> <li>1. Designed for thermostat modem, computer peripherals, video recording and security applications</li> <li>2. Surge Strength 1500V FCC68</li> <li>3. Low coil power requirement for IC compatibility</li> <li>4. Terminals arranged on grid pattern</li> <li>5. Designed for compact, high density mounting</li> </ol>	<ol style="list-style-type: none"> <li>1. Small size and low cost</li> <li>2. DIP standard terminals</li> <li>3. Surge Strength 1500V FCC68</li> <li>4. Sealed type available</li> </ol>	<ol style="list-style-type: none"> <li>1. Small size and low cost</li> <li>2. DIP standard terminals</li> <li>3. Surge strength 1500V FCC68</li> <li>4. Sealed type available</li> </ol>
<b>Contact Rating 触点参数</b>			
Contact Form 触点形式	1Z	1Z	1Z
Contact Material 触点材料	Silver Alloy	Silver Alloy	Silver Alloy
Max. Operating Current 最大转换电流	2A	5A	5A
Minimum Load 最小负载	1mA 5V DC	1mA 5VDC	1mA 5VDC
Max. Operating Voltage 最大转换电压	120VAC/60VDC	240VAC/60VDC	240VAC/60VDC
Max. Operating Power 最大转换功率	240VA/48W	360VA/90W	360VA/90W
Rated Load (Resistive Load) 触点负载	1A/2A 120VAC 1A/2A 24VDC	3A 120VAC 3A 24VDC 1A250VAC	3A 120VAC 3A 24VDC 1A250VAC
Contact Resistance(mΩ) (at 6VDC 1A) 接触电阻	100	100	100
<b>Coil Ratings 线圈参数</b>			
Rated Voltage 线圈电压范围	3-24VDC	3-48VDC	3-48VDC
Nominal Operating Power 线圈功耗	150/200/360mW	200/360/450mW	200/360/450mW
<b>General Data 一般参数</b>			
Insulation Resistance(MΩ) (at 50VDC) 绝缘电阻	1000	100	100
Dielectric Strength Between Contacts 介质耐压	400VAC	500VAC	500VAC
Between Coil and Contacts 介质耐压	1000VAC	1000VAC	1000VAC
Ambient Temperature 环境温度	-30 to +85°C	-30 to +85°C	-30 to +85°C
Operate/Release Time 吸合、释放时间	4ms/3ms	5ms/5ms	5ms/5ms
Mechanical Life(Min) 机械寿命	10,000,000	10,000,000	10,000,000
Electrical Life(Min) 电气寿命	100,000	100,000	100,000
Layout (Bottom View) 安装尺寸及接线图			
Terminal Type 脚位形式	PCB	PCB	PCB
Approved Standards 安规	UL, cUL	UL, cUL, CQC, TÜV	UL, cUL, CQC, TÜV
Cross-Reference 同类产品	OMRON:G5V-1 NAIS:HY FUJITSU:SY	OMRON:G2E FUJITSU:FB211SC/MZ OEG:OUA/OUAZ TYCO:A/B201V/23101 P&B:T81	OMRON:G2E FUJITSU:FB211SC/MZ OEG:OUA/OUAZ TYCO:A/B201V/23101 P&B:T81