

PCB 继电器	TRG1H
----------------	--------------

- 10A switching capability
- SPST-NO configuration
- Standard PC layout
- Sealed type available
- Surge resistance of 5000V
- Conform to RoHS,ELV directive

07001021630

E173485

R50108695

外形尺寸 18.2×10.2×15.2

ORDERING CODE 订购代码

<u>TRG1H</u>	<u>D</u>	—	<u>12VDC</u>	—	<u>S</u>	—	<u>H</u>
1	2		3		4		5
1. Relay Model 继电器型号 2. Coil Power 线圈功率 D=0.45W, 3. Coil Nominal Voltage 线圈额定电压 3,5,6,9,12,18,24VDC				4. S: Sealed 密封 5. 触点转换形式 H: Form A			

COIL DATA 线圈参数 (at 20°C)

Nominal Voltage额定电压(VDC)	3	5	6	9	12	18	24	0.45W
Coil Resistance线圈阻值($\Omega \pm 10\%$)	20	56	80	180	320	720	1280	
Rated Current额定电流(mA)	150	89.28	75	50	37.5	25	18.75	
Max Operate Voltage 最大吸合电压(VDC)	2.25	3.75	4.5	6.75	9	13.5	18	
Min Release Voltage最小释放电压(VDC)	0.15	0.25	0.3	0.45	0.6	0.9	1.2	
Max Applicable Voltage 最大过载电压	70°C时额定电压的 130%， 23°C时额定电压的 170%							

CONTACT DATA 触点参数

Contact Form触点形式	1H
Contact Material触点材料	Silver Alloy
Load负载	Resistive load(COS Φ 1)
Contact Ratings触点负载	10A 250VAC
Minimum load 最小负载	100mA 5VDC
Max Switching Voltage最大转换电压	277VAC/30VDC
Max Switching Current最大转换电流	10A
Max Switching Power 最大转换功率	2500VA/300W
Contact Resistance接触电阻	100m Ω Max at 6VDC 1A
Life Expectancy寿命	Electrical 电气寿命: 100,000 Operations(at30Operations/minute)
	Mechanical机械寿命: 10,000,000 Operations(at300Operations/minute)

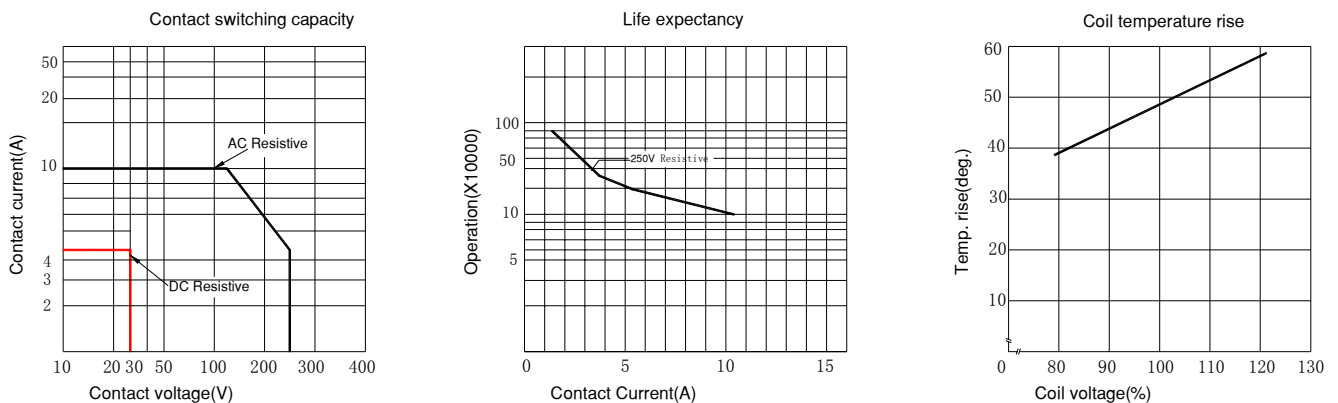
■ CHARACTERISTICS DATA 性能参数

Insulation Resistance绝缘阻值	100MΩ Min at 500VDC
Dielectric Strength Between Open Contacts触点间耐压	1000VAC(for one minute)
Between Contacts and coil触点与线圈间耐压	4000VAC(for one minute)
Operate Time吸合时间	10ms
Release Time释放时间	4ms
Temperature Range环境温度	-40°C to +85°C
Shock Resistance冲击	Operating Extremes动作极限: 10G
	Damage Limits破坏极限: 100G
Vibration Resistance振动	10-55Hz, 1.5mm双振幅
Max. switching frequency最大转换频率	Mechanical: 18,000operations/hr
	Electrical: 1,800operations/hr
Humidity湿度	40-85%
Weight重量	Approx 6g
Safety Standard安全标准	UL cUL TÜV CQC

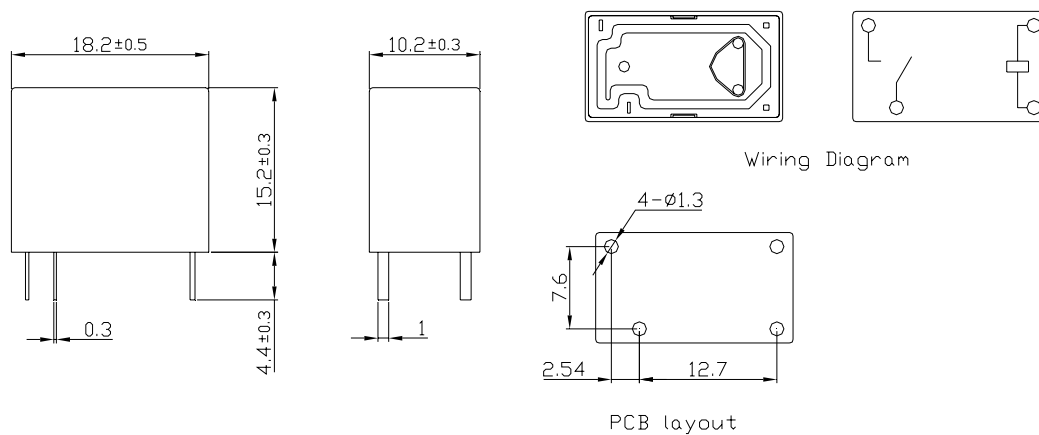
■ APPROVED STANDARDS 安全标准

Model(型号)	Coiling rating (线圈电压)	Safety Standard (安全标准)	Contact rating (触点负载)
TRG1H	3 to 24VDC	UL	8A 240VAC
		CQC	10A 240VAC
		TÜV	10A 250VAC

■ ENGINEERING DATA 设计参数



■ OVERALL AND MOUNTING DIMENSIONS 安装图



声明:

本产品规格书仅供客户使用时参考，如有更改，恕不另行通知。