

通用继电器

TL-T93

- QC&PC terminals
- 30A/40A switching capability
- High dielectric strength 3,000VAC
- Optional flanged case for panel mounting
- Size:27.4*32*19.3



■ ORDERING CODE 订购代码

T93 — 12VDC — TL — A			
1	2	3	4
1. Relay Model 继电器型号: 2. Coil Nominal Voltage 线圈额定电压 5,6,9,12,18,24VDC		3. 品牌: TL/通灵 4. 触点转换形式Z: Form C H: Form A	

■ COIL DATA 线圈参数 (at 20℃)

Nominal Voltage 额定电压(VDC)	5	6	9	12	24	48	110	0.93W
Coil Resistance 线圈阻值($\Omega \pm 10\%$)	27	39	87	155	620	2480	13010	
Rated Current 额定电流(mA)	186	155	103	77.5	39	19	9	
Max Operate Voltage 最大吸合电压(VDC)	3.75	4.5	6.75	9	18	36	82.5	
Min Release Voltage 最小释放电压(VDC)	0.5	0.6	0.9	1.2	2.4	4.8	11	
Max Applicable Voltage 最大过载电压	70℃时额定电压的130%，23℃时额定电压的170%							

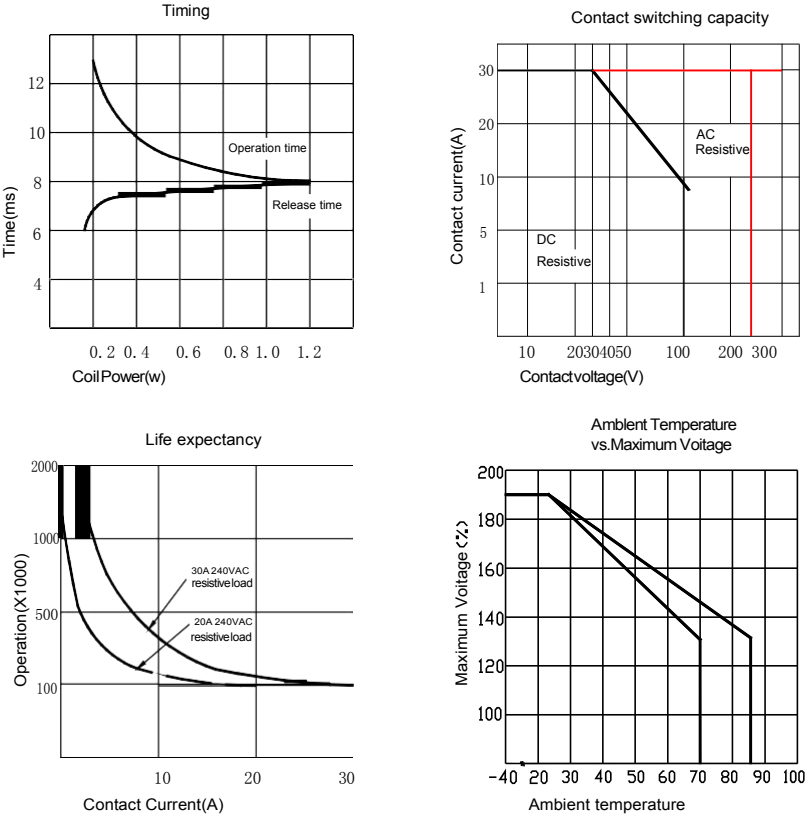
■ CONTACT DATA 触点参数

Contact Form 触点形式	1H/1D/1Z
Contact Material 触点材料	Silver Alloy
Load 负载	Resistive load(COS Φ =1)
Contact Ratings 触点负载	30A 250VAC 30A 30VDC
Minimum load 最小负载	500mA 5VDC
Max Switching Voltage 最大转换电压	250VAC/30VDC
Max Switching Current 最大转换电流	30A
Max Switching Power 最大转换功率	7500VA/900W
Contact Resistance 接触电阻	100m Ω Max at 6VDC 1A
Life Expectancy 寿命	Electrical 电气寿命: 100,000 Operations(at300Operations/minute)
	Mechanical 机械寿命: 10,000,000 Operations(at3000Operations/minute)

■ CHARACTERISTICS DATA 性能参数

Insulation Resistance绝缘阻值	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts触点间耐压	1500VAC(for one minute)
Between Contacts and coil触点与线圈间耐压	1500VAC/2500VAC(for one minute)
Operate Time吸合时间	15ms
Release Time释放时间	10ms
Temperature Range环境温度	-40℃to+70℃ (Class F:85℃)
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
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 36g

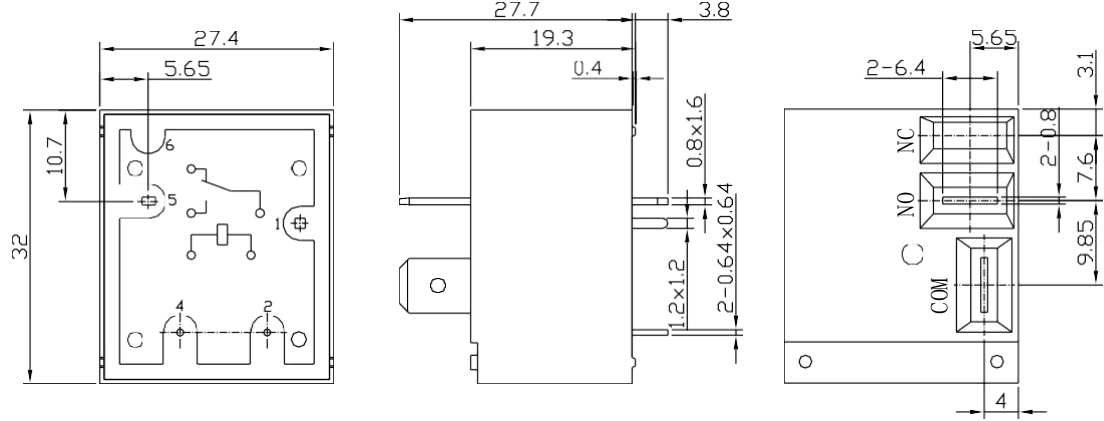
■ ENGINEERING DATA 设计参数



■ OVERALL AND MOUNTING DIMENSIONS 安装图

H 型 :

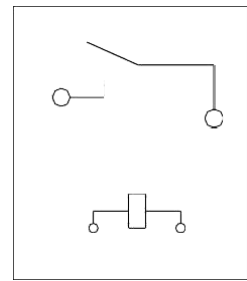
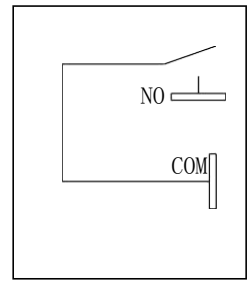
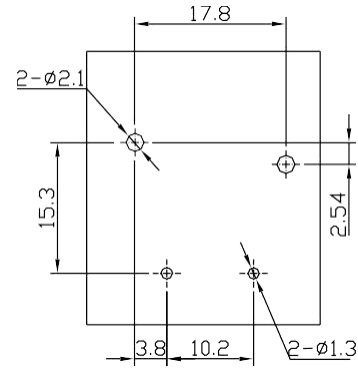
外形图



安装孔尺寸图
(底视图)

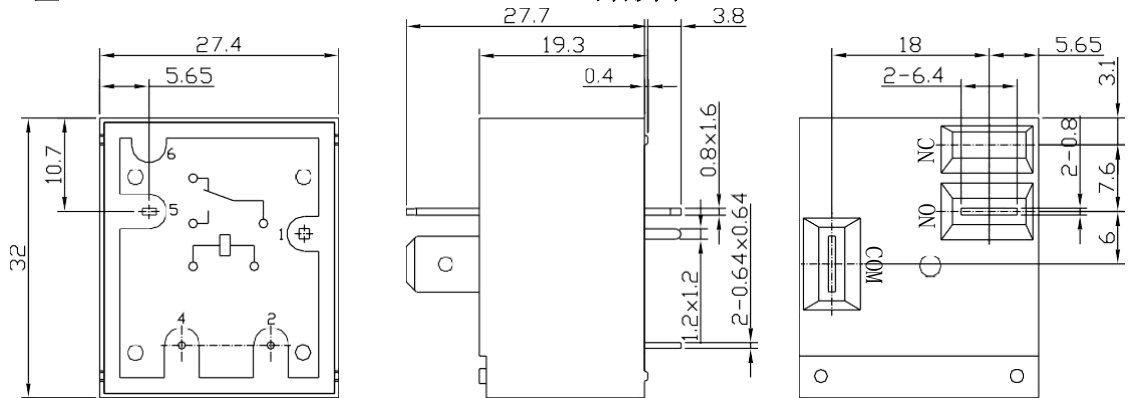
接线图
(顶视图)

接线图
(底视图)



H-S 型 :

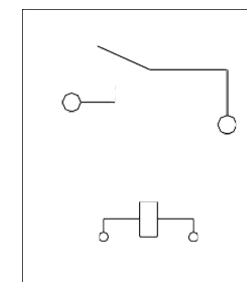
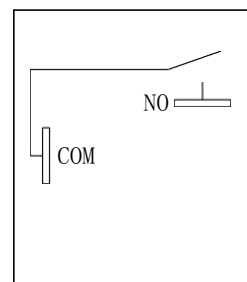
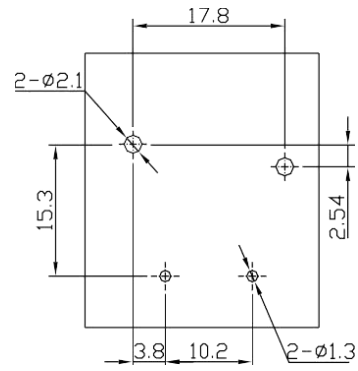
外形图



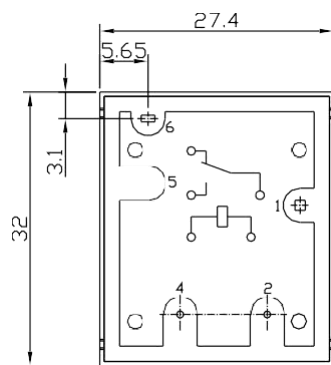
安装孔尺寸图
(底视图)

接线图
(顶视图)

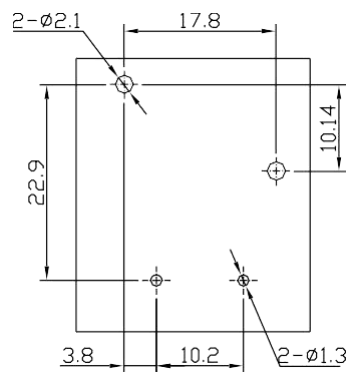
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(底视图)



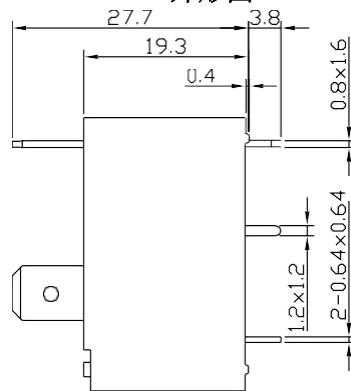
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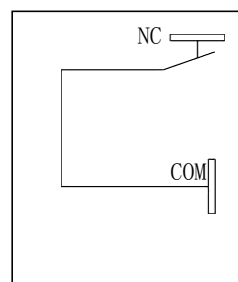
安装孔尺寸图
(底视图)



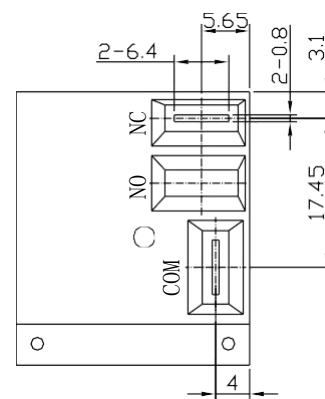
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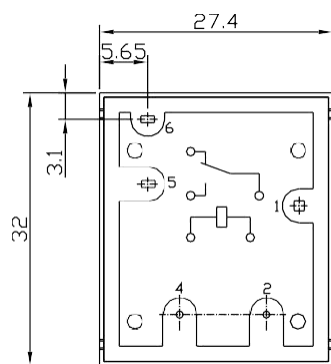
接线图
(顶视图)



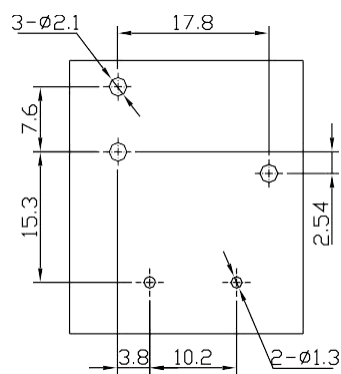
接线图
(底视图)



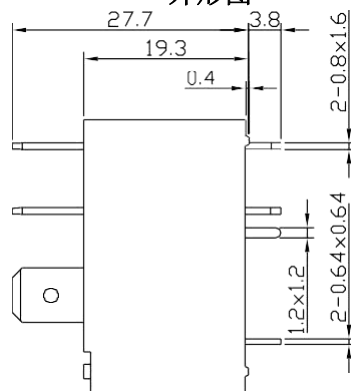
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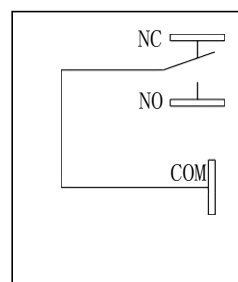
安装孔尺寸图
(底视图)



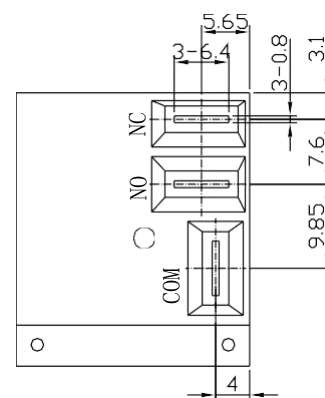
外形图



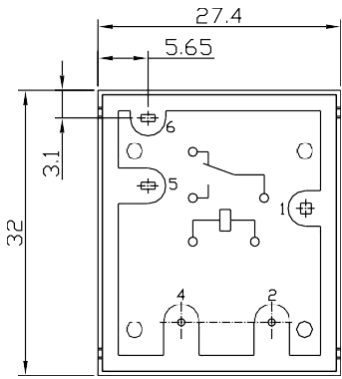
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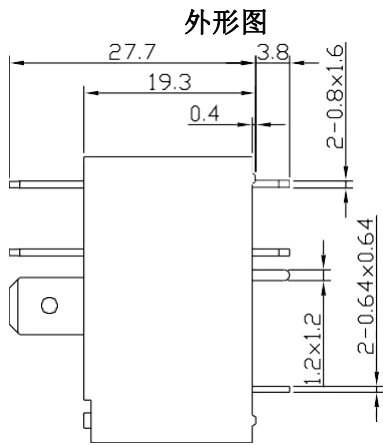
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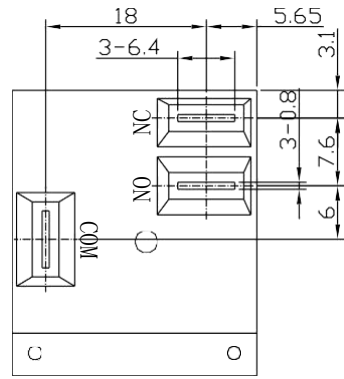
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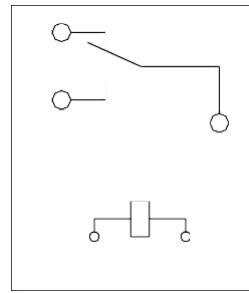
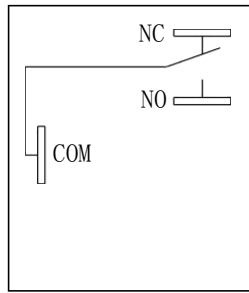
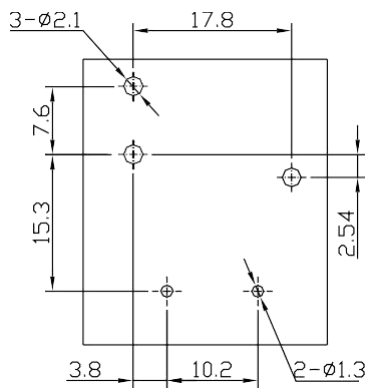
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(底视图)



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当外形尺寸 $> 5\text{mm}$ 时，公差为 $\pm 0.4\text{mm}$ 。
2) 安装孔尺寸中未注尺寸公差均为 $\pm 0.1\text{mm}$ 。

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。