



TL-4101

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<u>TL—4101—C — 12VDC</u> 1 2 3 4			
1. Brand Name 品牌 通灵(TL)		3. 触点转换形式 Z: Form C; H: Form A	4. Coil Nominal Voltage 线圈 额定电压 3,5,6,9,12,24,48VDC
2. Relay Model 继电器型号 4100			

[illegible]

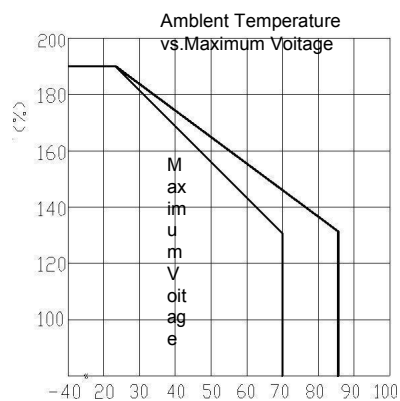
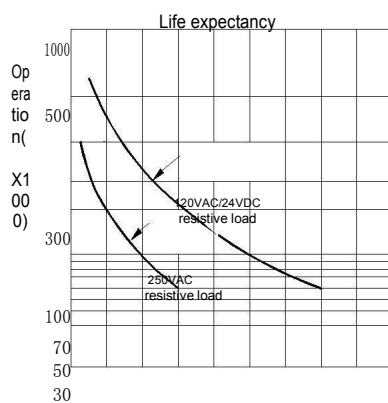
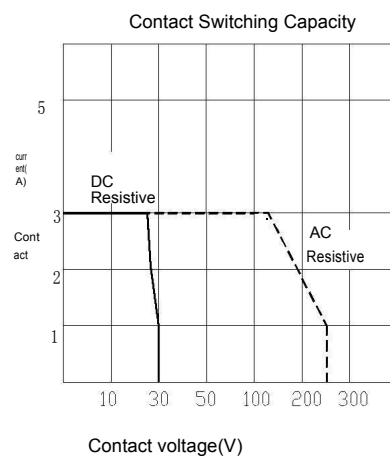
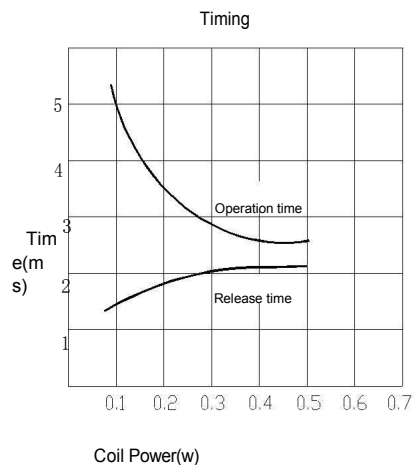
■ CONTACT DATA 触点参数

Contact Form 触点形式	1H/1Z
Material 触点材 Contact 料	Silver Alloy
Load 负 载	Resistive load(COS Φ =1)
Contact Ratings 触点负载	3A 250VAC/24VDC
Minimum load 最小负载	1mA 5VDC
Max Switching Voltage 最大转换电压	240VAC/60VDC
Max Switching Current 最大转换电流	5A
Max Switching Power 最大转换功率	360VA/90W
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)

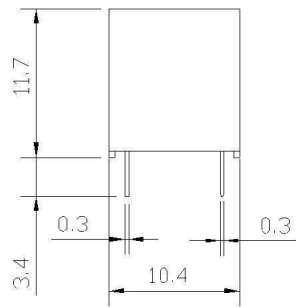
■ CHARACTERISTICS DATA 性能参数

Insulation Resistance 绝缘阻值	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts 触点间耐压	500VAC(for one minute)
Between Contacts and coil 触点与线圈间耐压	1000VAC(for one minute) or 1500VAC(for one minute)
Operate Time 吸合时间	5ms
Release Time 释放时间	5ms
Temperature Range 环境温度	-30℃to+85℃
Shock Resistance 冲击	Operating Extremes 动作极限: 10G
	Damage Limits 破坏极限: 50G
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 3.5g

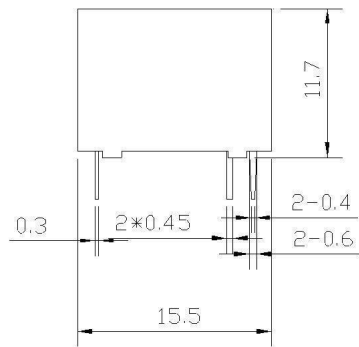
■ ENGINEERING DATA 设计参数



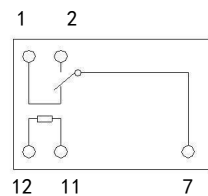
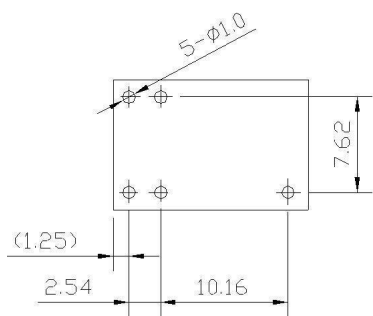
■ OVERALL AND MOUNTING DIMENSIONS 安装图



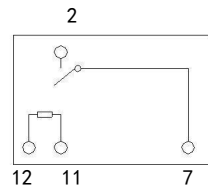
安装图



接线图



FormC



FormA

备注：1) 产品部分外形尺寸中未注尺寸公差：当外形尺寸 $\leq 1\text{mm}$ 时，公差为 $\pm 0.2\text{mm}$ ；当外形尺寸在 $1\sim 5\text{mm}$ 时，公差为 $\pm 0.3\text{mm}$ ；
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。