

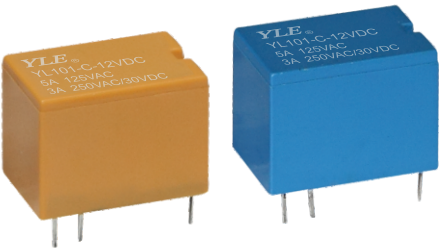
YL101

特点 PRODUCT FEATURES

- 低线圈功耗，高灵敏度
- 体积小、重量轻
- PC板安装

典型应用 TYPICAL APPLICATIONS

- 自动化设备、通讯设备
- 家用电器
- 适合无线电遥控玩具等，合理的控制应用元件



触点负载 CONTACT DATA

型号	Model	YL101
额定负载(阻性)	Rated load	5A/125VAC;3A/30VDC;3A/250VAC
最大切换电流	Max.Switching Current	5A
最大切换电压	Max.Switching Voltage	250VAC 30VDC
最大切换功率	Max.Switching Power	750VA 90W

性能参数 GENERAL DATA

触点材料	Contact material	Silver Alloy		
接触电阻	Contact resistance	50mΩ Max.		
吸合时间	Operate Time	8msec. Max.		
释放时间	Release time	5msec. Max.		
绝缘电阻	Insulation resistance	100MΩ Min.(DC500V)		
介质耐压	Dielectric strength	触点与触点间	Between open contacts	500VAC 50/60Hz 1min
		触点与线圈间	Between coil & contacts	750VAC 50/60Hz 1min
抗振动	Humidity	稳定性	Functional	10～55Hz，双振幅 1.5 mm
		强度	Destructive	10～55Hz，双振幅 1.5 mm
抗冲击	Shock Resistance	稳定性	Functional	10G Min.
		强度	Destructive	100G Min.
寿命	Life	机械寿命	Mechanical Life	10,000,000 次 (10,800次/小时)
		电气寿命	Electrical Life	100,000 次(600次/小时)
环境温度	Temperature Range	-40℃~+85℃		
重量	Weight	约3.5g		
安规认证	Safety Standard			

YL101

线圈参数 (at 20°C) COIL DATE

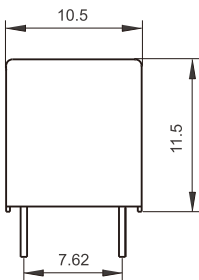
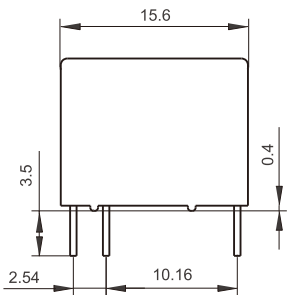
额定电压 Nominal Voltage (VDC)	线圈阻值 Coil Resistance at 20°C ±10%(Ω)			最大吸合电压 Max. Operate Voltage (VDC)	最小释放电压 Min. Release Voltage (VDC)	最大过载电压 Max. Applicable Voltage (VDC)
	0.2W	0.36W	0.45W			
3	45	25	20	2.3	0.15	3.9
5	125	70	55	3.8	0.25	6.5
6	180	100	80	4.5	0.3	7.8
9	405	223	180	6.8	0.45	11.7
12	720	400	320	9.0	0.6	15.6
24	2880	1600	1280	18.0	1.2	31.2

订货标记 ORDERING INFORMATION

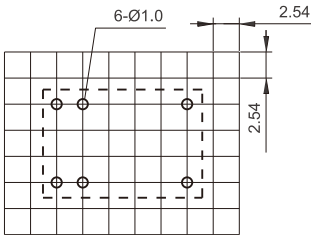
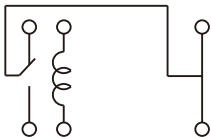
YL101 -A -S -12VDC -D -1 -XX

产品系列 Product series	YL101
触点型式 Contact Type	A-一组常开, B-一组常闭, C-一组转换 A-NORMAL OPEN (SPST NO) ,B-NORMAL CLOSE(SPST NC) ,C -CHANGE (SPDT)
密封型式 Seal Type	S-塑封型 (全密封); 无-防助焊剂型 (不封气孔) S- seal type (full seal),F-Flux-proof type (without sealing vent)
线圈电压 Coil Voltage	3VDC/5VDC/6VDC/9VDC/12VDC/18VDC/24VDC/48VDC
线圈功耗 Coil Power	D-0.45W; 无-0.36W; L-0.2W D-0.45W ;NONE-0.36W L-0.2W
动簧端子型式 Spring Terminal Type	1-动簧一只脚; 无-动簧两只脚 1 ONE PIN FOR SPRING ,NONE-TWO PIN FOR SPRING
特殊参数或特殊要求, 客户识别号 Special parameters or special requirements, customer identification number	

外形图、接线图、安装孔位图 OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT



Dimension(mm)
 公差 Tolerance:±0.2



YL101

性能曲线图 CHARACTERISTIC CURVES

