

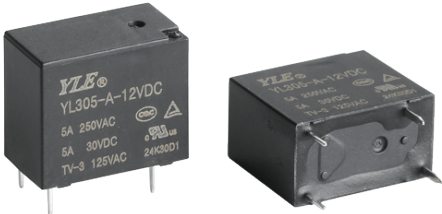
YL305

特点 PRODUCT FEATURES

- 具有5A、10A切换功能
- 超小型、标准引出脚位
- PC板安装
- 不密封与密封可供选择

典型应用 TYPICAL APPLICATIONS

- 家用设备、办公设备
- 智能家居
- 音响



触点负载 CONTACT DATA

|                              |       |              |          |              |           |
|------------------------------|-------|--------------|----------|--------------|-----------|
| 型号                           | Model | YL305        |          |              |           |
| 额定负载(阻性) Rated load          |       | 5A 250VAC    | 5A 30VDC | 10A 250VAC   | 10A 30VDC |
| 最大切换电流 Max.Switching Current |       | 5A           |          | 10A          |           |
| 最大切换电压 Max.Switching Voltage |       | 250VAC 30VDC |          | 250VAC 30VDC |           |
| 最大切换功率 Max.Switching Power   |       | 1250VA 150W  |          | 2500VA 300W  |           |

性能参数 GENERAL DATA

|      |                       |                                                                                     |                         |                           |
|------|-----------------------|-------------------------------------------------------------------------------------|-------------------------|---------------------------|
| 触点材料 | Contact material      | Silver Alloy                                                                        |                         |                           |
| 接触电阻 | Contact resistance    | 100mΩ Max.                                                                          |                         |                           |
| 吸合时间 | Operate Time          | 10msec. Max.                                                                        |                         |                           |
| 释放时间 | Release time          | 5msec. Max.                                                                         |                         |                           |
| 绝缘电阻 | Insulation resistance | 1000MΩ Min.(DC500V)                                                                 |                         |                           |
| 介质耐压 | Dielectric strength   | 触点与触点间                                                                              | Between open contacts   | 1000VAC 50/60Hz 1min      |
|      |                       | 触点与线圈间                                                                              | Between coil & contacts | 4000VAC 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℃~+105℃                                                                          |                         |                           |
| 重量   | Weight                | 约5.6g                                                                               |                         |                           |
| 安规认证 | Safety Standard       |  |                         |                           |

YL305

线圈参数 (at 20°C) COIL DATE

| 额定电压<br>Nominal Voltage<br>(VDC) | 线圈阻值<br>Coil Resistance at 20°C ±10%(Ω) |       | 最大吸合电压<br>Max. Operate Voltage<br>(VDC) | 最小释放电压<br>Min. Release Voltage<br>(VDC) | 最大过载电压<br>Max. Applicable Voltage<br>(VDC) |
|----------------------------------|-----------------------------------------|-------|-----------------------------------------|-----------------------------------------|--------------------------------------------|
|                                  | 0.2W                                    | 0.45W |                                         |                                         |                                            |
| 5                                | 125                                     | 56    | 3.8                                     | 0.5                                     | 6.5                                        |
| 6                                | 180                                     | 80    | 4.5                                     | 0.6                                     | 7.8                                        |
| 9                                | 405                                     | 180   | 6.8                                     | 0.9                                     | 11.7                                       |
| 12                               | 720                                     | 320   | 9.0                                     | 1.2                                     | 15.6                                       |
| 24                               | 2880                                    | 1280  | 18.0                                    | 2.4                                     | 31.2                                       |
| 48                               | 11520                                   | 5120  | 36.0                                    | 4.8                                     | 62.4                                       |

订货标记 ORDERING INFORMATION

YL305 -A -12VDC -H -XX

产品型号  
Type YL305

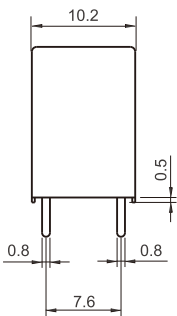
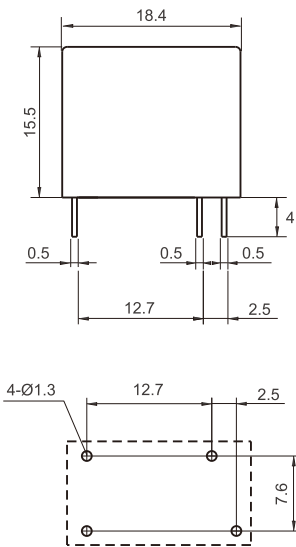
触点转换形式  
Contact Form A: Form A

线圈电压  
Coil Voltage 3V、5V、6V、9V、12V、24V、48V  
3V、5V、6V、9V、12V、24V、48V

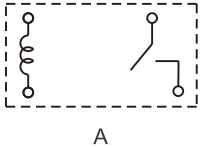
线圈功耗  
Coil Power 无:0.45W H:0.2W  
NIL:0.45W H:0.2W

特殊参数或特殊要求  
Special Parameters Or Special Requirements

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



YL305

性能曲线图 CHARACTERISTIC CURVES

