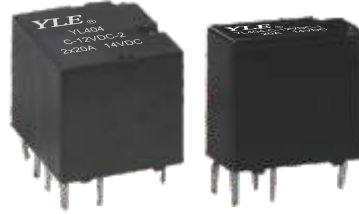


YL404

特点 PRODUCT FEATURES

- 25A电机负载
- 超小型
- 转换型触点形式
- 可供单继电器和双继电器
- H级（180℃）线圈绝缘等级



典型应用 TYPICAL APPLICATIONS

- 自动门窗
- 车经调整、座椅调整
- 中央门锁、天窗控制
- 指示灯控制、雨刮控制

触点负载 CONTACT DATA

型号 Model	YL404
额定负载(阻性) Rated load	20A/14VDC
最大切换电流 Max.Switching Current	30A
最大切换电压 Max.Switching Voltage	16VDC
最大切换功率 Max.Switching Power	350W

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	5msec. 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	500VAC 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5g(单个),10g(双个)		

YL404

线圈参数 (at 20°C) COIL DATE

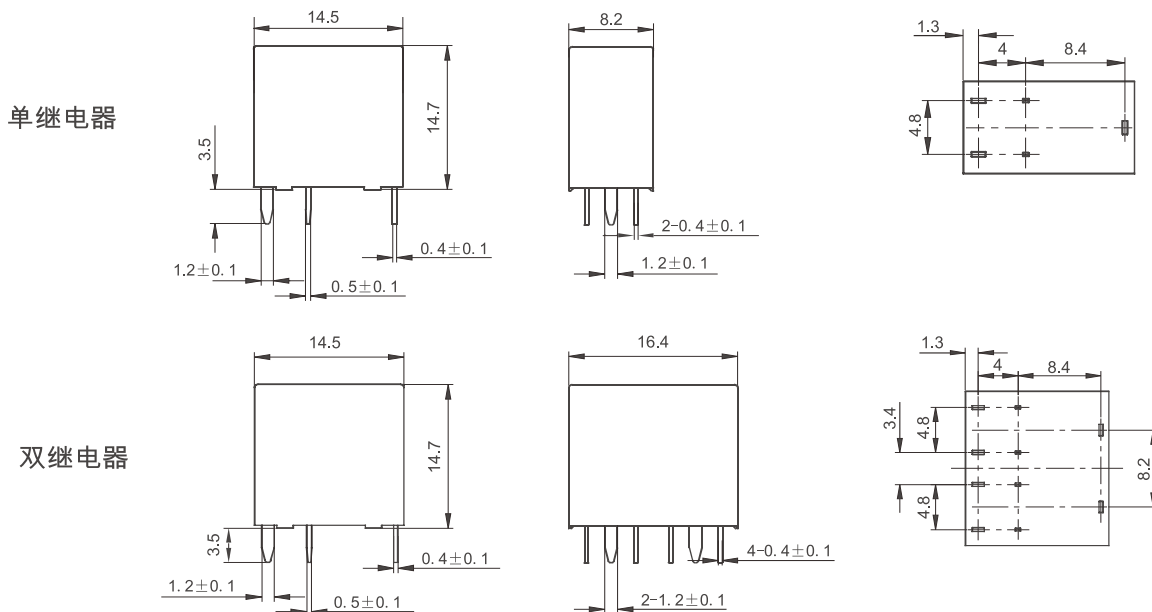
额定电压 (VDC)	额定电流 ± 10% (mA)	线圈电阻 ± 10% (Ω)	吸合电压 (Max.)	释放电压 (Min.)	最大连续 外加电压		额定功率
					23°C	85°C	
12	53.33	225	7.2	1.0	20	16	0.64W
12	66.67	180	6.5	1.0	18	14	0.8W

订货标记 ORDERING INFORMATION

YL404 -C -12VDC -H -2 F -XX

产品型号 Type	YL404
触点转换形式 Contact Form	C:1FormC C:1FormC
线圈电压 Coil Voltage	12V 12V
线圈功耗 Coil Power	无:0.64W H:0.8W NIL:0.64W H:0.8W
触点组数 Number of contacts	1:单个继电器, 2:两个继电器 1:Single relay, 2:Two relays
封装形式 Package Form	无:塑封型, F:防焊剂型 NIL:Plastic Sealed,F:Fluk proofed
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



未标注尺寸公差 / Undimensioned tolerance: <1mm:±0.2mm 1~5mm:±0.3mm >5mm:±0.4mm

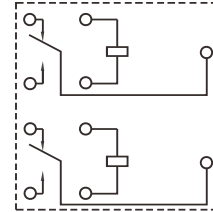
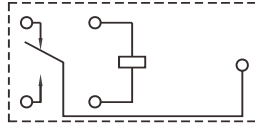
注: 1、引出脚尺寸为预焊前尺寸 2、安装孔尺寸公差: ±0.1mm

Note: 1.The size of the lead foot is pre welding dimension. 2. installation hole size tolerance:±0.1mm

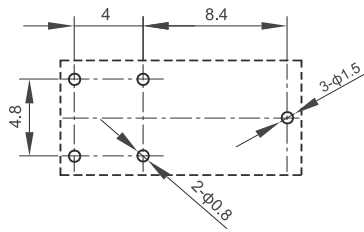
YL404

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

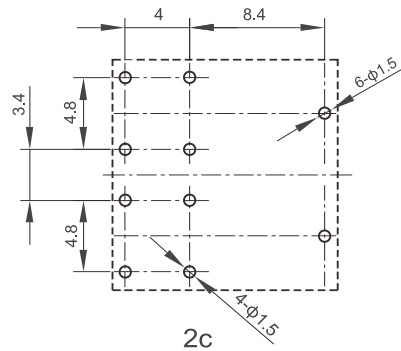
接线图(底视图)
Wiring diagram (bottom view)



安装孔尺寸(底视图)
Mounting hole size (bottom view)



1c

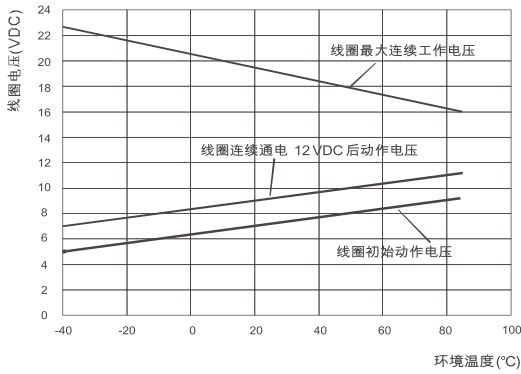


2c

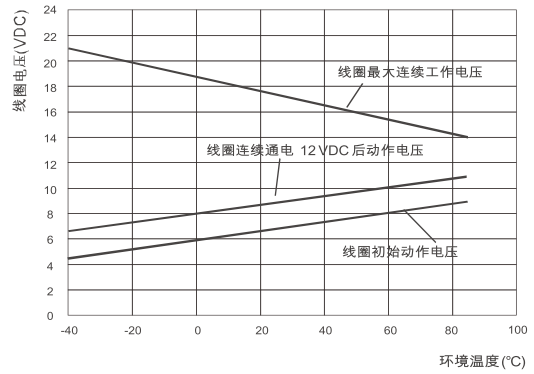
性能曲线图 CHARACTERISTIC CURVES

1. 线圈连续通电电压范围

225Ω线圈连续通电电压范围



180Ω线圈连续通电电压范围



2. 允许最大负载范围 (23°C)

