

## YL224TE

### 特点 PRODUCT FEATURES

- 30A触点切换能力
- F级线圈绝缘等级
- 塑封型和防焊剂型可供选择
- 印制板式引出端,触点快连接引出端

### 典型应用 TYPICAL APPLICATIONS

- 马达控制,工业控制
- 电源



### 触点负载 CONTACT DATA

型号 Model	YL224TE
额定负载(阻性) Rated load	30A 250VAC 30A 14VDC 40A 250VAC
最大切换电流 Max.Switching Current	40A
最大切换电压 Max.Switching Voltage	250VAC
最大切换功率 Max.Switching Power	10000VA

### 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	15msec. Max.		
释放时间 Release time	10msec. 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	2500VAC 50/60Hz 1min (可供AC4000V高压)	
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°C~+105°C		
重量 Weight	约35g		
安规认证 Safety Standard			

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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)
	0.9W			
5	28	3.75	0.5	6.5
6	40	4.5	0.6	7.8
9	90	6.75	0.9	11.7
12	160	9.0	1.2	15.6
18	360	13.5	1.8	23.4
24	640	18.0	2.4	31.2
48	2560	36.0	4.8	62.4
110	13440	82.0	11.0	143

订货标记 ORDERING INFORMATION

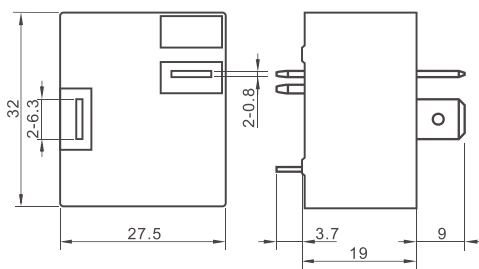
YL224TE -C -S -12VDC -XX

产品型号 Type	YL224TE
触点转换形式 Contact Form	C:1FormC A:1FormA B:1FormB C:1FormC A:1FormA B:1FormB
封装方式 Type Of Sealing	无: 防焊剂型 S: 密封型 Nil:Fluk proofed S:Plastic Sealed
线圈电压 Coil Voltage	6V、9V、12V、24V、48V、110V 6V、9V、12V、24V、48V、110V
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

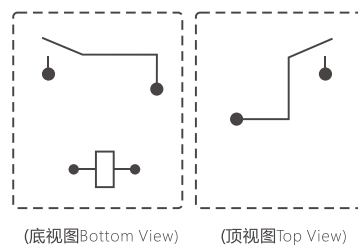
外形尺寸 Outline Dimensions

一组常开 (1 Form A)



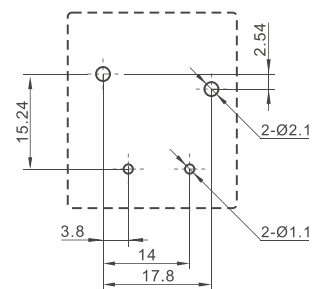
接线图 Wiring Diagram

(底视 Bottom View)



安装孔尺寸 PCB Layout

(底视 Bottom View)

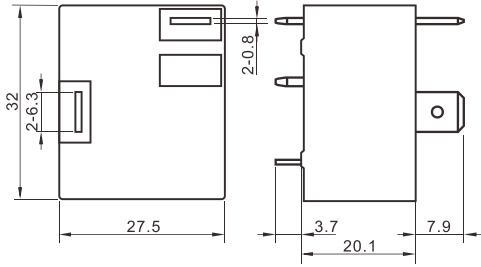


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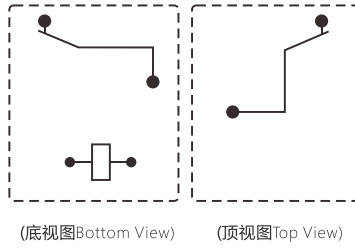
外形图、接线图、安装孔位图 OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

外形尺寸 Outline Dimensions

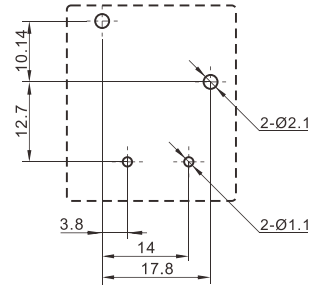
一组常闭 ( 1 Form B )



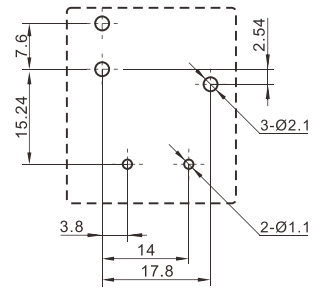
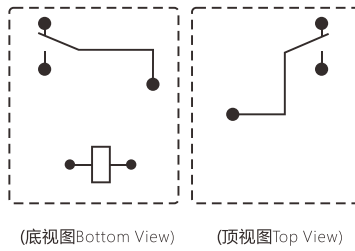
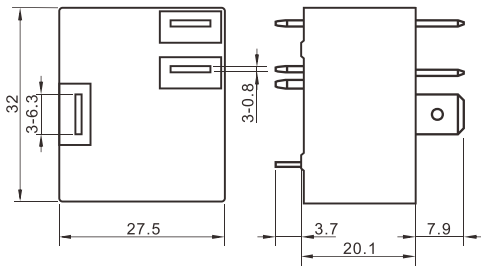
接线图 Wiring Diagram  
( 底视 Bottom View )



安装孔尺寸 PCB Layout  
( 底视 Bottom View )

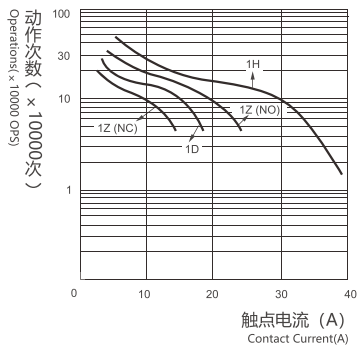


一组转换 ( 1 Form C )



性能曲线图 CHARACTERISTIC CURVES

电耐久性曲线  
ENDURANCE CURVE



最大切换功率  
MAX. SWITCHING POWER(1C)

