

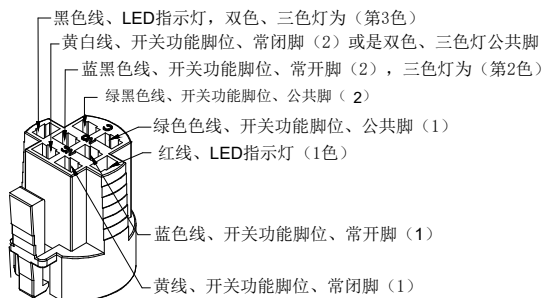
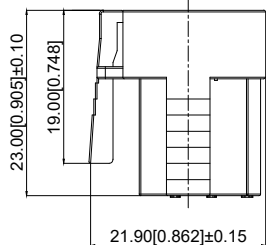
Single color electrical schematic diagram
单色电气原理图

Installation View
安装视图

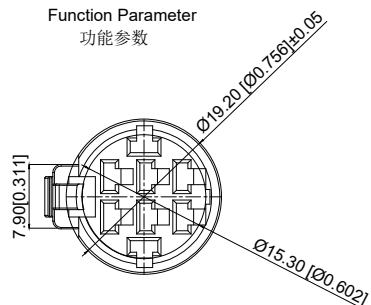
A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3											
A2					X.XX	± 0.10	DATE	2019	APPROVAL B	ALEN	MODEL NO: TP92507P224RA5150
A1					X.X	± 0.15	ROCPCU TECHNOLOGY CO.,LTD				
					X	± 0.25					
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR					
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A		B		C		D		E		F		G	
性能参数													
1. Heating current: Ui: AC250V, Ith: 5A 发热电流: Ui: AC250V, Ith: 5A													
2. Rated current:3A/DC36V 额定电流:3A/DC36V													
3. Power-frequency withstand voltage:2000V1min 工频耐压:2000V1min													
4. Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ													
5. Contact resistance:≤50mΩ 接触电阻 :≤50mΩ													
6. Pressing stroke:2.50mm ± 0.10 按压行程:2.50mm ± 0.10													
7. Contact stroke:1.50mm±0.10 接触行程 :1.50mm±0.10													
8. welding temperature: 320 ℃± 20 ℃ 焊接温度: 320 ℃± 20 ℃													
9. Welding duration: Less than 3 seconds in duration 焊接时长: Less than 3 seconds in duration													
10. Nut assembly torque:5-14N 螺帽装配力矩:5-14N													
11. Protection level:IP67 防护等级:IP67													
12. Explosion prevention level: IK10 防暴等级: IK10													
13. Working environment temperature: -20 ℃~+55 ℃ 工作环境温度: -20 ℃~+55 ℃													
14. Compression torque: ≤ 4.00N 按压扭力: ≤4.00N													
15. Electrical life: 100000 cycles 电气寿命: 100000 cycles													
16. mechanical: 500000cycles 机械寿命: 500000cycles													
17. Operation method:Self repeating form 操作方式: 自复式													
18. LED lamp power consumption: 20m以下 LED灯功耗: 20m以下													
19. LED lamp lifespan: 40000h LED寿命: 40000h													
20. LED color: Red LED颜色: 红色													
21. LED Lamp Voltage: 24V LED灯电压: 24V													
22. NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N													
连接形式													
1. Welding temperature of wire: 320 ± 20 ℃ 线材焊接温度: 320±20℃ Wire welding duration: less than 3 seconds 线材焊接时长: 时长3秒以下													
2. Can be used with dedicated connectors: 可配专用接插件使用:													
2.1 1NO1NC开关功能线材Switch function wire: green (C) blue wire (NO) yellow wire (NC) 1NO1NC开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)													
2.2 2NO2NC switch function wire: green black wire (C), blue black wire (NO), yellow white wire (NC) 2NO2NC开关功能线材: 绿黑线 (C)、蓝黑线 (NO)、黄白线 (NC)													
2.3 LED functional wire: red wire positive pole black wire negative pole LED without distinguishing positive and negative poles LED功能线材: 红线正极 黑线负极 LED不分正负极													
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A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92507P224RA5150		
A2					DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw				
A1					ROC PU TECHNOLOGY CO.,LTD								
REV	DATE	REVISION	DESCRIPTION										
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A		B		C		D		E		F		G	

A					B					C					D					E					F					G									
1																																							
材质参数																																							
10					luminous zone 发光区					PC 塑胶					1																								
9					LEDpin LED引脚					Brass 黄铜					1					Silvering 镀银																			
8					Base 底座					PA46					1																								
2																																							
7					Pin 引脚					Brass 黄铜					1					gold-plating 镀金																			
6					Contact material 接触材质					silver alloy 银合金					1					Silvering 镀银																			
5					LED Base LED基座					PC 塑胶					1																								
3																																							
4					Arm nut 固定螺帽					Brass 黄铜					1					nickeling 镀镍																			
3					Oring O型圈					Silica gel 硅胶					1																								
2					Housing 外壳					Aluminum alloy 铝合金					1					Oxidized/Black 氧化/黑色																			
4																																							
1					Key 按键					Aluminum alloy 铝合金					1					Oxidized/Black 氧化/黑色																			
NO 序号					Part name 部件名					Material 材料					QTY 数量					Remark 备注																			
5																																							
A4										 台普 ROCPCU					COMMON TOLERANCE					UNIT		MM		PROJECTED				PRODUCT NAME:											
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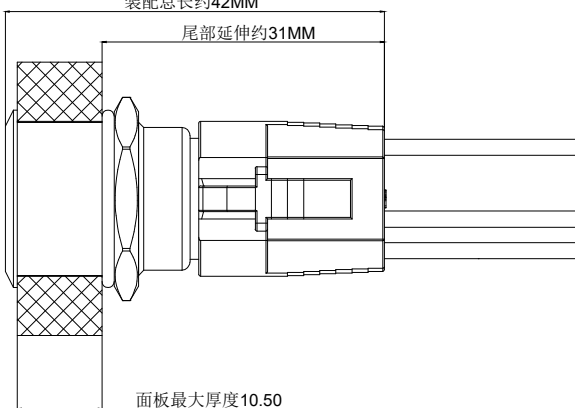


Function Parameter
功能参数



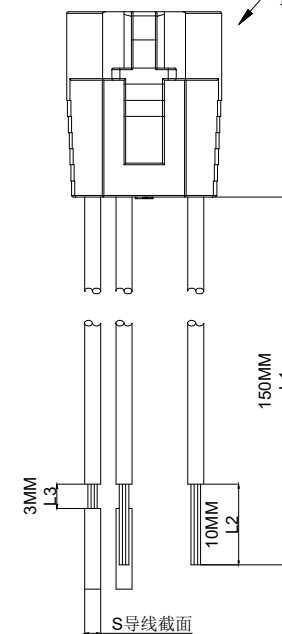
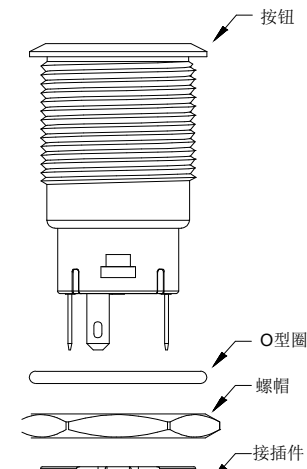
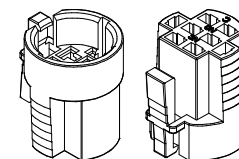
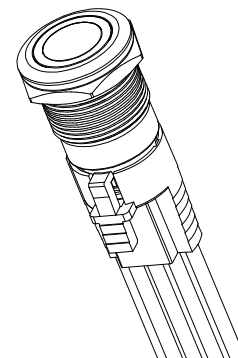
装配总长约42MM

尾部延伸约31MM



面板最大厚度10.50

Installation diagram
安装示意图



S导线截面

A4			
A3			
A2			
A1			
REV	DATE	REVISION DESCRIPTION	ISSUE



COMMON TOLERANCE

X.XX	± 0.10
X.X	± 0.15
X	± 0.25
ANGULAR	—

UNIT	MM	PROJECTED		PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92507P224RA5150
DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw
ROC PU TECHNOLOGY CO.,LTD				
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1

- 1

2

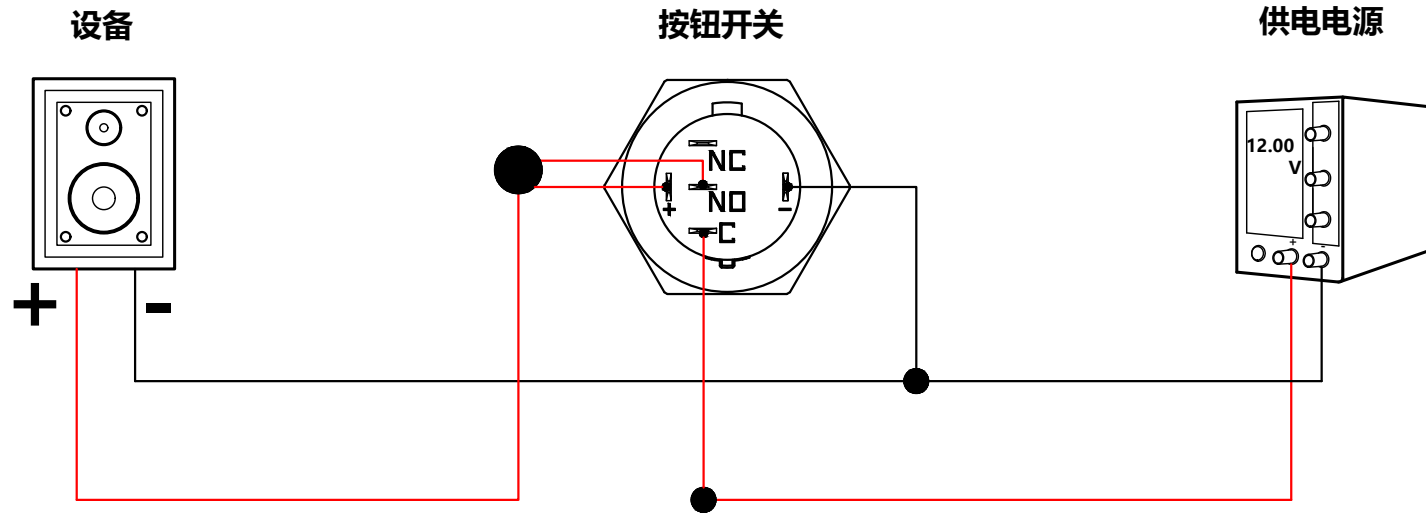
- 2

3

- 3

5

25MM系列单排单色按钮开关接线说明



接线说明:

- 1、供电电源的负极、设备的负极、按钮开关的LED负极，并接一起。
- 2、供电电源的正极，按钮开关的C脚，并接一起。
- 3、设备的正极，按钮开关的NO脚、按钮开关的LED正极，并接一起。

实现功能:

- 1、按钮开关按下去时: 设备通电, 按钮开关LED灯亮。
- 2、按钮开关按回去时: 设备断电, 按钮开关LED灯灭。

注: 说明图的电压为接线参考使用, 电源电压根据实际供电电压为准。

红线为正极 (火线)
黑线为负极 (零线)

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						X	± 0.25					
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