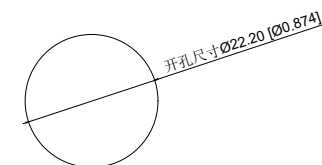
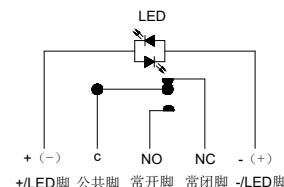


Single color electrical schematic diagram
单色电气原理图



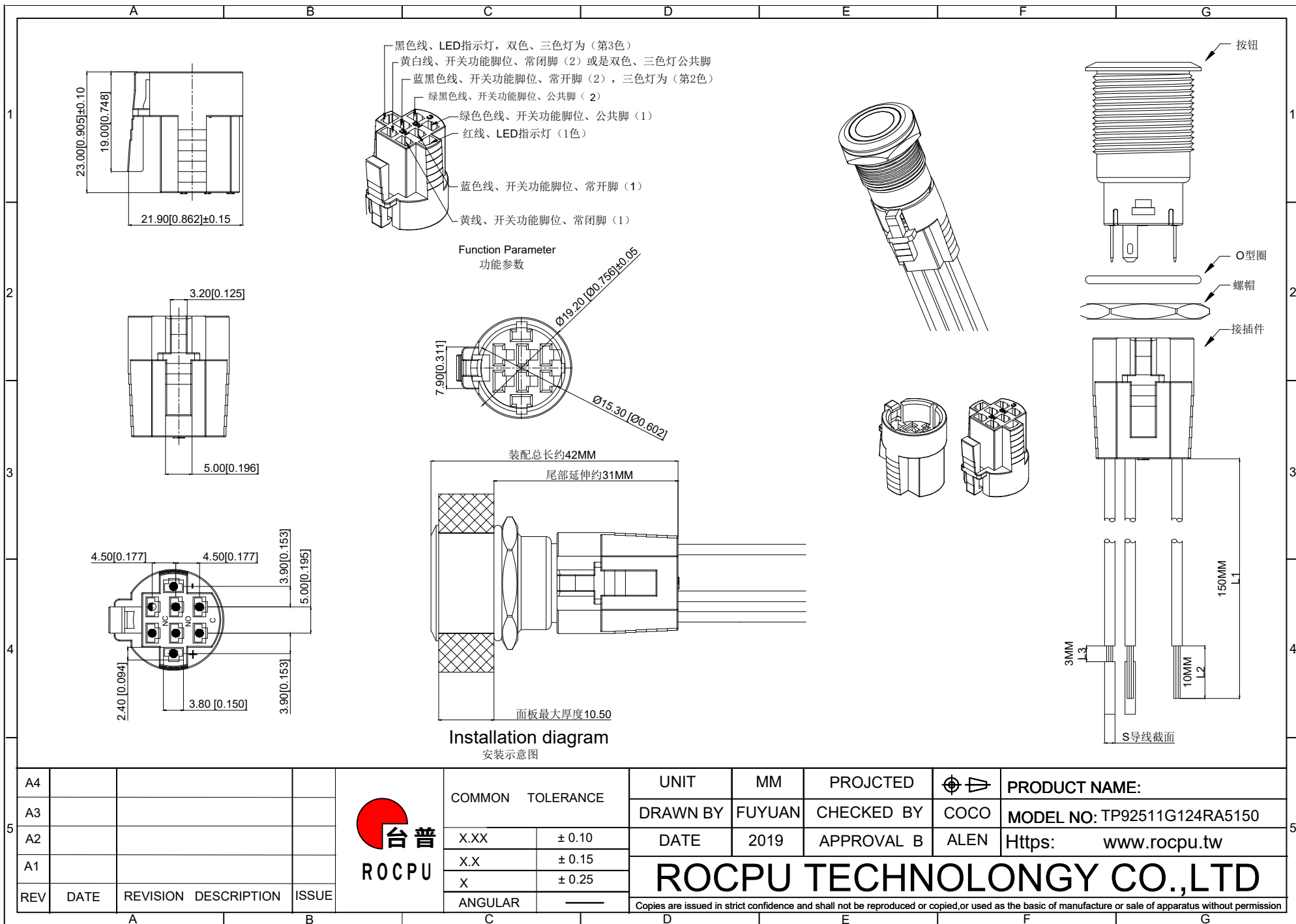
Installation View
安装视图

A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92511G124RA5150
A2					X.XX	± 0.10	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X.X	± 0.15	ROCPCU TECHNOLOGY CO.,LTD				
REV	DATE	REVISION	DESCRIPTION	ISSUE	X	± 0.25					
					ANGULAR		Copies are issued in strict confidence and shall not be reproduced or copied, or used as the basic of manufacture or sale of apparatus without permission				

	A	B	C	D	E	F	G				
1	性能参数				13. Working environment temperature: -20 ℃~+55 ℃ 工作环境温度: -20 ℃~+55 ℃						
	1. Heating current: Ui: AC250V, Ith: 5A 发热电流: Ui: AC250V, Ith: 5A				14. Compression torque: ≤ 3.00N 按压扭力: ≤3.00N						
	2. Rated current:3A/DC36V 额定电流:3A/DC36V				15. Electrical life: 100000 cycles 电气寿命: 100000 cycles						
	3. Power-frequency withstand voltage:2000V1min 工频耐压:2000V1min				16. mechanical: 500000cycles 机械寿命: 500000cycles						
2	4. Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ				17. Operation method:Self repeating form 操作方式: 自复式						
	5. Contact resistance:≤50mΩ 接触电阻 :≤50mΩ				18. LED lamp power consumption: 20m以下 LED灯功耗: 20m以下						
	6. Pressing stroke:2.50mm ± 0.10 按压行程:2.50mm ± 0.10				19. LED lamp lifespan: 40000h LED寿命: 40000h						
	7. Contact stroke:1.50mm±0.10 接触行程 :1.50mm±0.10				20. LED color: Red LED颜色: 红色						
3	8. welding temperature: 320 ℃± 20 ℃ 焊接温度: 320 ℃± 20 ℃				21. LED Lamp Voltage: 24V LED灯电压: 24V						
	9. Welding duration: Less than 3 seconds in duration 焊接时长: Less than 3 seconds in duration				22. NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N						
	10. Nut assembly torque:5-14N 螺帽装配力矩:5-14N										
	11. Protection level:IP67 防护等级:IP67										
4	12. Explosion prevention level: IK10 防暴等级: IK10										
	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:										
5	2.1 开关功能线材Switch function wire: green (C) blue wire (NO) yellow wire (NC) 开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)										
	2.2 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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				X.XX	± 0.10						
				X.X	± 0.15						
				X	± 0.25						
				ANGULAR							

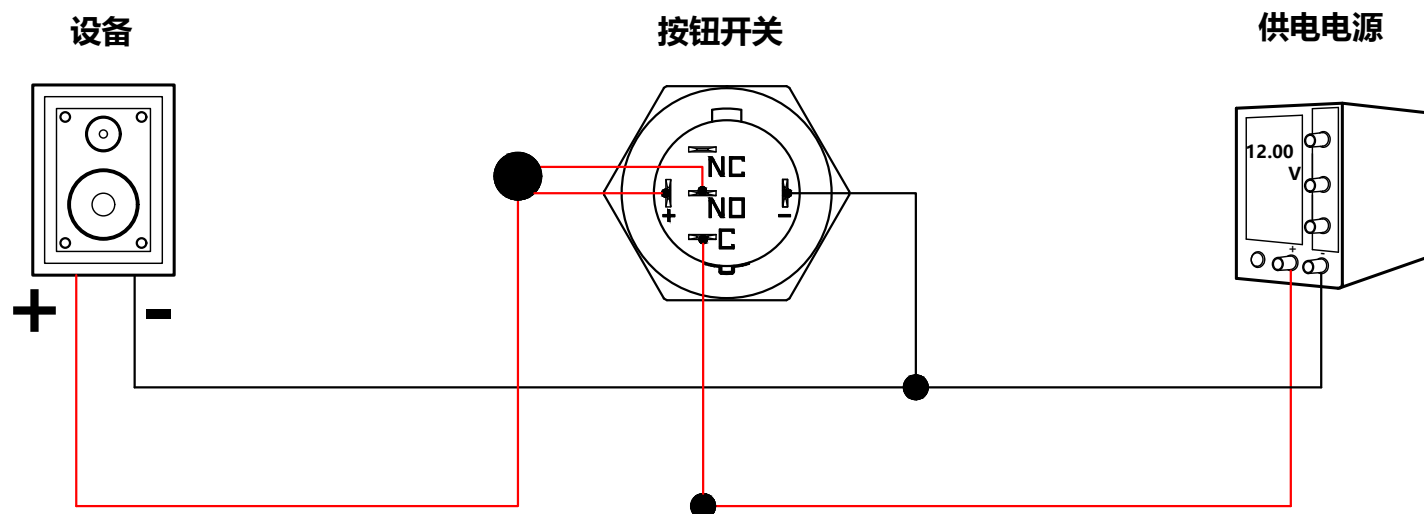
A					B					C					D					E					F					G				
材质参数																																		
10		luminous zone 发光区								PC 塑胶								1																
9		LEDpin LED引脚								Brass 黄铜								1		Silvering 镀银														
8		Base 底座								PA46								1																
7		Pin 引脚								Brass 黄铜								1		gold-plating 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																
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														
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														

A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:																							
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A					B					C					D					E					F					G				



A		B		C		D		E		F		G	
性能参数													
1.L1-导线长度：默认150MM长；													
2.L2-线头长度：默认10MM													
3.L3-剥头长度：默认3MM													
4.S-导线导体横截面积：默认0.5平方MM、可选0.3平方MM													
5.线型拉力N：（0.15-0.25MM）≤30N、（0.3MM）≤40N、（0.5MM）≤50N、（0.75MM）≤60N													
6.需要其他线长、线型、可以定制													
材质参数													
1.插壳：浅蓝色尼龙胶壳													
2.端子：磷铜y镀锡色													
3.导电线材：紫铜													
线束使用说明													
1.2线：用于单色的指示灯、无开关功能													
2.3线：用于双色指示灯、无开关功能													
3.4线：用于三色灯的指示灯、无开关功能													
4.3线：用于1NO/1NO1NC开关、无指示灯功能													
5.6线：用于2NO/2NO2NC开关、无指示灯功能													
6.5线：用于1NO/1NO1NC、单色指示灯带开关功能													
7.8线：用于2NO/2NO2NC、单色指示灯带开关功能													
8.6线：用于1NO/1NO1NC、双色指示灯带开关功能													
9.7线：用于1NO/1NO1NC、三色或220v双色指示灯带开关功能													
A4					COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:		
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92511G124RA5150		
A2					DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw				
A1					ROCPU TECHNOLOGY CO.,LTD								
REV	DATE	REVISION	DESCRIPTION										
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A		B		C		D		E		F		G	

25 M M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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					ANGULAR	—	Copies are issued in strict confidence and shall not be reproduced or copied, or used as the basis of manufacture or sale of apparatus without permission				