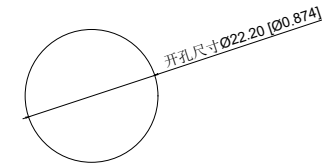


Single color electrical schematic diagram  
单色电气原理图



Installation View  
安装视图

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

DRAWN BY FUYUAN CHECKED BY COCO

DATE 2019 APPROVAL B ALEN

PRODUCT NAME:

MODEL NO: TP92511G224RA

Https: www.rocpcu.tw

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
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 °C± 20 °C  
焊接温度: 320 °C± 20 °C
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

连接形式

1. Welding temperature of wire: 320 ± 20 °C  
线材焊接温度: 320±20°C  
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 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

13. Working environment temperature: -20 °C~+55 °C  
工作环境温度: -20 °C~+55 °C
14. Compression torque: ≤ 3.00N  
按压扭力: ≤3.00N
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

A4				 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92511G224RA
A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X	± 0.25	ROCPCU TECHNOLOGY CO.,LTD				
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR					

A	B	C	D	E	F	G
<b>材质参数</b>						
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				UNIT	MM	PROJECTED 
A3				DRAWN BY	FUYUAN	CHECKED BY
A2				DATE	2019	APPROVAL B
A1						ALEN
REV	DATE	REVISION	DESCRIPTION	ISSUE	<b>ROCPU TECHNOLOGY CO.,LTD</b>	
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COMMON TOLERANCE

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

PRODUCT NAME:

MODEL NO: TP92511G224RA

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