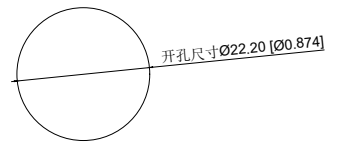
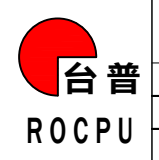


Single color electrical schematic diagram
单色电气原理图



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		PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92205P224RA
DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw
ROCPCU TECHNOLOGY CO.,LTD				
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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: 2000V/1min
工频耐压: 2000V/1min
4. Insulation resistance: $\geq 1000M\Omega$
绝缘电阻: $\geq 1000M\Omega$
5. Contact resistance: $\leq 50m\Omega$
接触电阻: $\leq 50m\Omega$
6. Pressing stroke: $2.50mm \pm 0.10$
按压行程: $2.50mm \pm 0.10$
7. Contact stroke: $1.50mm \pm 0.10$
接触行程: $1.50mm \pm 0.10$
8. Nut assembly torque: 5-14N
螺帽装配力矩: 5-14N
9. Protection level: IP67
防护等级: IP67
10. Explosion prevention level: IK10
防暴等级: IK10
11. Working environment temperature: $-20^{\circ}C \sim +55^{\circ}C$
工作环境温度: $-20^{\circ}C \sim +55^{\circ}C$
12. Compression torque: $\leq 4N$
按压扭力: $\leq 4N$



13. Electrical life: 100000 cycles
电气寿命: 100000 cycles
14. mechanical: 500000cycles
机械寿命: 500000cycles
15. Operation method: Self repeating form
操作方式: 自复式
16. Power-frequency withstand voltage: 2000V/1min
工频耐压: 2000V/1min
17. LED lamp power consumption: 20m以下
LED灯功耗: 20m以下
18. LED lamp lifespan: 40000h
LED寿命: 40000h
19. LED color: Red
LED颜色: 红色
20. LED Lamp Voltage: 24V
LED灯电压: 24V
21. NO reverse thrust foot torque: $\leq 30N$
NO反推脚扭力: $\leq 30N$

连接形式

1. Welding temperature of wire: $320 \pm 20^{\circ}C$
线材焊接温度: $320 \pm 20^{\circ}C$
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 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

A4				 台普 ROCPU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
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A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw	
A1					X	± 0.25	ROCPU TECHNOLOGY CO.,LTD					
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	A		B		C		D		E		F	G

NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
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

A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
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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					
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