



A4					 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
A3						X.XX	± 0.10	DRAWN BY	SHUHAO	CHECKED BY	COCO	MODEL NO: TP91909P □ □	
A2						X.X	± 0.15	DATE	2019	APPROVAL	B	ALEN	Https: www.rocpcu.tw
A1						X	± 0.25	<b>ROCPCU TECHNOLOGY CO., LTD</b>					
REV	DATE	REVISION	DESCRIPTION	ISSUE		ANGULAR	—						<small>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</small>

# TP91909P

## Operation method

- 1: Self-locking
- 2: Self-compound

## Material

- A: Aluminum alloy
- S: Stainless steel
- B: Brass

## 连接形式

- 1. Welding temperature of wire:  $320 \pm 20$  °C  
 线材焊接温度:  $320 \pm 20$  °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 Switch function wire: Green Line (C), blue Line (NO), yellow Line (NC)  
 开关功能线材: 绿线(C)、蓝线(NO)、黄线(NC)

## 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:  $\geq 1000M\Omega$   
 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  
 防爆等级: IK10
- 11. Working environment temperature:  $-20$  °C ~  $+55$  °C  
 工作环境温度:  $-20$  °C ~  $+55$  °C
- 12. Compression torque:  $\leq 6N$   
 按压扭力:  $\leq 6N$
- 13. Electrical life: 500000 cycles  
 电气寿命: 500000 cycles
- 14. mechanical: 500000 cycles  
 机械寿命: 500000 cycles
- 15. NO reverse thrust foot torque:  $\leq 30N$   
 NO反推脚扭力:  $\leq 30N$

A4				
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COMMON TOLERANCE	
X.XX	$\pm 0.10$
X.X	$\pm 0.15$
X	$\pm 0.25$
ANGULAR	—

UNIT	MM	PROJECTED		PRODUCT NAME:
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DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw
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A B C D E F G

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
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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
1	Key 按键	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
2	Housing 外壳	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
3	Oring O型圈	Silica gel 硅胶	1	
4	Arm nut 固定螺帽	Brass 黄铜	1	nickeling 镀镍
5	LED Base LED基座	PC 塑料	1	
6	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
7	Pin 引脚	Brass 黄铜	1	gold-plating 镀金
8	Base 底座	PA46	1	

材质参数

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