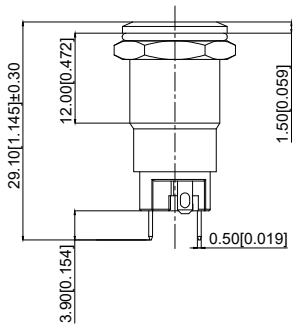
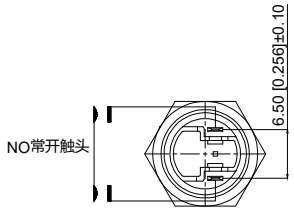
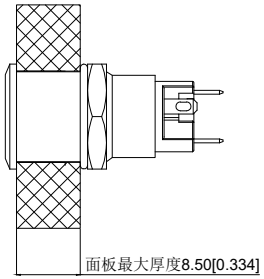
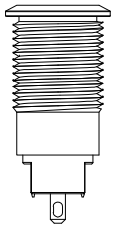
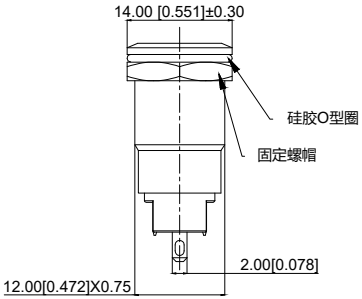
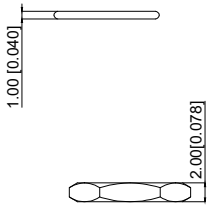


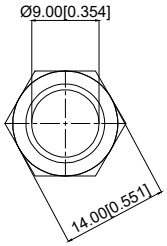






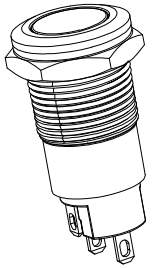






Schematic Diagram
电气原理图

Installation View
安装视图



REV	DATE	REVISION DESCRIPTION	ISSUE
A4			
A3			
A2			
A1			

台普 ROCPU

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

UNIT	MM	PROJCTED		PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91211P1A
DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw

ROCPU TECHNOLONGY CO.,LTD

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性能参数

1. Heating current: Ui: AC250V, Ith: 3A
   发热电流: Ui: AC250V, Ith: 3A
2. Rated current:2A/DC36V
   额定电流:2A/DC36V
3. Insulation resistance:≥1000MΩ
   绝缘电阻 :≥1000MΩ
4. Contact resistance:≤50mΩ
   接触电阻 :≤50mΩ
5. Pressing stroke:2.30mm ± 0.10
   按压行程:2.30mm ± 0.10
6. Contact stroke:1.00mm±0.10
   接触行程 :1.00mm±0.10
7. welding temperature：320 ℃± 20 ℃
   焊接温度：320 ℃± 20 ℃
8. Welding duration：Less than 3 seconds in duration
   焊接时长：Less than 3 seconds in duration
9. Nut assembly torque:5-14N
   螺帽装配力矩:5-14N
10. Protection level:IP65
    防护等级:IP65
11. Explosion prevention level：IK08
    防暴等级：IK08
12. Working environment temperature：-20 ℃~+55 ℃
    工作环境温度：-20 ℃~+55 ℃
13. Compression torque：≤ 3N
    按压扭力：≤3N
14. Electrical life：500000 cycles
    电气寿命：500000 cycles
15. mechanical：500000cycles
    机械寿命：500000cycles
16. Operation method:Self-locking
    操作方式：自锁式
17. NO reverse thrust foot torque：≤30N
    NO反推脚扭力：≤30N

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材质参数

NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
10				
9				
8	Base 底座	PA66	1	Black 黑色
7	Pin 引脚	Brass 黄铜	1	gold-plating 镀金
6	Contact material 接触材质	Silvering 镀银	1	
5	Base 基座	PA66	1	Black 黑色
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

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