

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: TP94002P2S
Https: www.rocpu.tw

ROCPU 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:≥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.m
螺帽装配力矩:5-14N.m
11. Protection level:IP67
防护等级:IP67
12. Explosion prevention level: IK10
防暴等级: IK10

13. Working environment temperature: -20 °C~+55 °C
工作环境温度: -20 °C~+55 °C
14. Compression torque: ≤ 2.5N
按压扭力: ≤2.5N
15. Electrical life: 50,000 cycles
电气寿命: 50,000 cycles
16. Mechanical: 500,000cycles
机械寿命: 500,000cycles
17. Operation method:self repeating form
操作方式: 自复式
18. NO reverse thrust foot torque: ≤30N
NO反推脚扭力: ≤30N



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 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)

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NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
1	Key 按键	SUS 不锈钢	1	
2	Housing 外壳	SUS 不锈钢	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	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
6	NOPin NO引脚	Brass 黄铜	1	gold-plating 镀金
7	Base 底座	PA46	1	Silvering 镀银
8				
9				

材质参数

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