



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: TP91907P2A5150
Https: www.rocpcu.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:1500V1min
工频耐压:1500V1min
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. 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 °C~+55 °C
工作环境温度: -20 °C~+55 °C
12. Compression torque: ≤ 4N
按压扭力: ≤4N

13. Electrical life: 500000 cycles
电气寿命: 500000 cycles
14. mechanical: 500000cycles
机械寿命: 500000cycles
15. Operation method:Self repeating form
操作方式: 自复式
16. 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	Aluminum alloy 铝合金	1	Oxidized/Black 氧化/黑色
2	Housing 外壳	Aluminum alloy 铝合金	1	Oxidized/Black 氧化/黑色
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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