



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: TP91905G2A
 Https: www.rocpcu.tw

ROCPCU TECHNOLOGY CO., LTD

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A B C D E F G

性能参数

1. Heating current: Ui: AC250V, Ith: 5A
发热电流: Ui: AC250V, Ith: 5A
2. Rated current: 2A/DC36V
额定电流: 2A/DC36V
3. Power-frequency withstand voltage: 1800V1min
工频耐压: 1800V1min
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: $2.20mm \pm 0.10$
按压行程: $2.20mm \pm 0.10$
7. Contact stroke: $1.00mm \pm 0.10$
接触行程: $1.00mm \pm 0.10$
8. Nut assembly torque: 5-14N
螺帽装配力矩: 5-14N
9. Protection level: IP65
防护等级: IP65
10. Explosion prevention level: IK10
防暴等级: IK10
8. Working environment temperature: $-20^{\circ}C \sim +55^{\circ}C$
工作环境温度: $-20^{\circ}C \sim +55^{\circ}C$
9. Compression torque: $\leq 4N$
按压扭力: $\leq 4N$

10. Electrical life: 200000 cycles
电气寿命: 200000 cycles
11. mechanical: 500000cycles
机械寿命: 500000cycles
12. Operation method: Self repeating form
操作方式: 自复式
13. NO reverse thrust foot torque: $\leq 30N$
NO反推脚扭力: $\leq 30N$
14. Welding temperature: $320^{\circ}C \pm 20^{\circ}C$
焊接温度: $320^{\circ}C \pm 20^{\circ}C$
15. Welding duration: Less than 3 seconds in duration
焊接时长: Less than 3 seconds in duration

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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	Base 基座	PA66	1	Baby blue 浅蓝色
6	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
7	Pin 引脚	Brass 黄铜	1	Silvering 镀银

材质参数

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