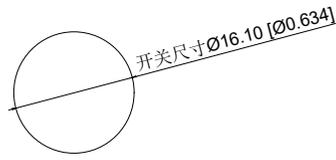
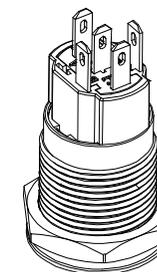


Single color electrical schematic diagram
单色电气原理图



Installation View
安装视图



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		PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91652P224RA5150B
DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw

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	A	B	C	D	E	F	G				
1	性能参数			13. Working environment temperature: -20 °C~+55 °C 工作环境温度: -20 °C~+55 °C							
	1. Heating current: Ui: AC250V, Ith: 5A 发热电流: Ui: AC250V, Ith: 5A			14. Compression torque: ≤3.5N 按压扭力: ≤3.5N							
2	2. Rated current:3A/DC36V 额定电流:3A/DC36V			15. Electrical life: 500000 cycles 电气寿命: 500000 cycles							
	3. Power-frequency withstand voltage:2000V1min 工频耐压:2000V1min			16. mechanical: 500000cycles 机械寿命: 500000cycles							
	4. Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ			17. Operation method:Self repeating form 操作方式: 自复式							
	5. Contact resistance:≤50mΩ 接触电阻 :≤50mΩ			18. NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N							
	6. Pressing stroke:2.80mm ± 0.10 按压行程:2.80mm ± 0.10			19. LED lamp power consumption: 20m以下 LED灯功耗: 20m以下							
3	7. Contact stroke:1.50mm±0.10 接触行程 :1.50mm±0.10			20. LED lamp lifespan: 40000h LED寿命: 40000h							
	8. welding temperature: 320 °C± 20 °C 焊接温度: 320 °C± 20 °C			21. LED color: Red LED颜色: 红色							
	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 螺帽装配力矩:5-14N										
	11. Protection level:IP67 防护等级:IP67										
	12. Explosion prevention level: IK09 防暴等级: IK09										
4	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 (C) blue wire (NO) yellow wire (NC) 开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)										
	2.2 LED functional wire: red wire positive pole, black wire negative pole, LED without distinction between positive and negative poles LED功能线材: 红线正极, 黑线负极, LED不分正负极										
5	A4			 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
	A3						DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91652P224RA5150B
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	A1				X.X	± 0.15	<h1>ROCPCU TECHNOLOGY CO.,LTD</h1>				
	REV	DATE	REVISION DESCRIPTION		ISSUE	X					
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	A	B	C	D	E	F	G				

A	B	C	D	E	F	G
材质参数						
10	luminous zone 发光区	PC 塑料	1			
9	LEDpin LED脚	Brass 黄铜	1		Silvering 镀银	
8	Base 底座	PA46	1			
7	Pin 引脚	Brass 黄铜	1		gold-plating 镀金	
6	Contact material 接触材质	silver alloy 银合金	1		Silvering 镀银	
5	LED Base LED基座	PBT	1			
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	
NO 序号	Part name 部件名	Material 材料	QTY 数量		Remark 备注	
A4				UNIT	MM	PROJECTED 
A3				DRAWN BY	FUYUAN	CHECKED BY
A2				DATE	2019	APPROVAL B
A1						ALEN
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材质参数

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5	LED Base LED基座	PBT	1			
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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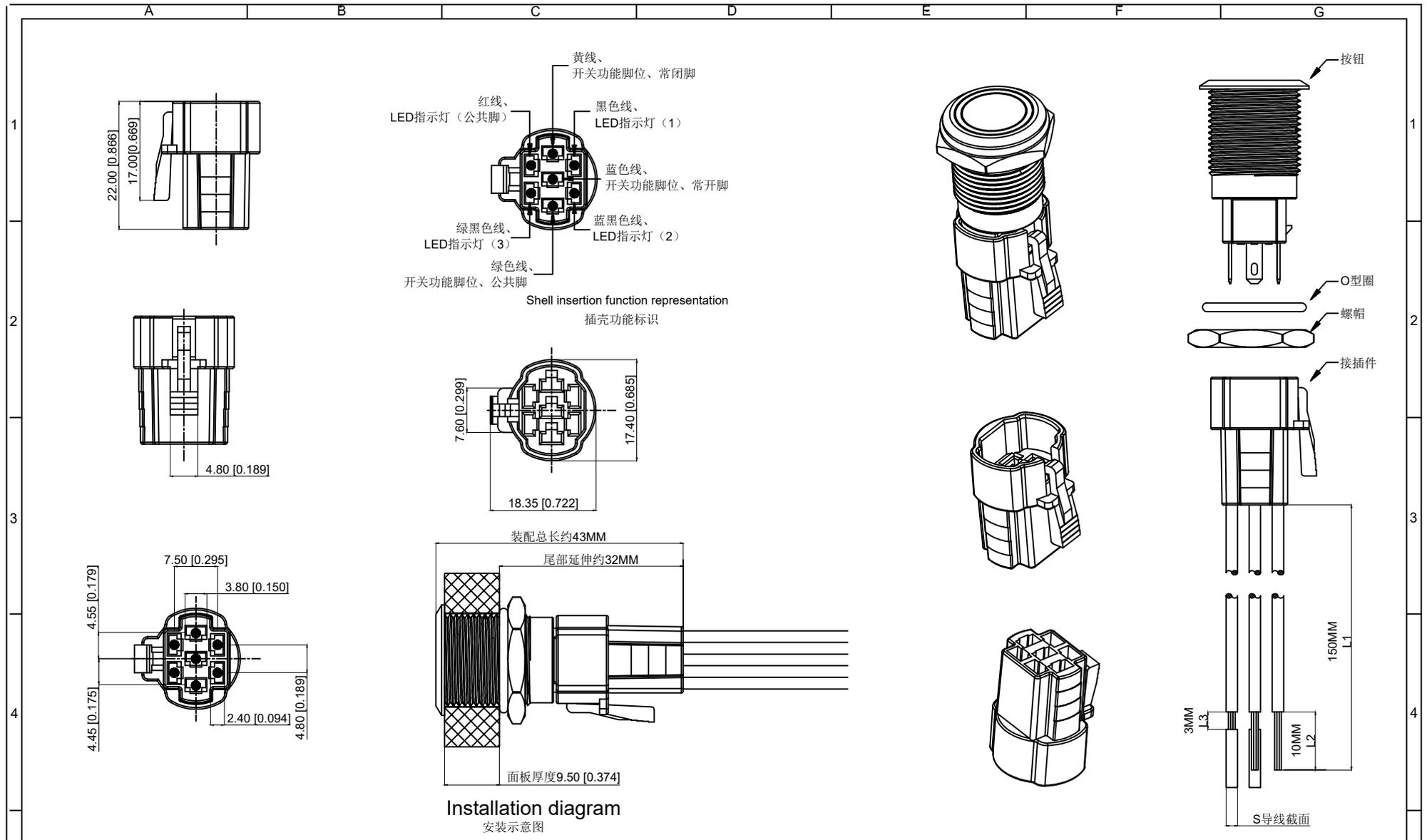


COMMON TOLERANCE

X.XX	± 0.10
X.X	± 0.15
X	± 0.25

ANGULAR

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A4				 台普 ROCPCU	COMMON TOLERANCE X.XX ±0.10 X.X ±0.15 X ±0.25 ANGULAR —	UNIT	MM	PROJECTED		PRODUCT NAME:	
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性能参数

- 1.L1-导线长度：默认150MM长；
- 2.L2-线头长度：默认10MM
- 3.L3-剥头长度：默认3MM
- 4.S-导线导体横截面积：默认0.5平方MM、可选0.3平方MM
- 5.线型拉力N：（0.15-0.25MM²）≤30N、（0.3MM²）≤40N、（0.5MM²）≤50N
- 6.需要其他线长、线型、可以定制

材质参数

- 1.插壳：浅蓝色尼龙胶壳
- 2.端子：磷铜y镀锡色
- 3.导电线材：紫铜

线束使用说明

- 1.2线：用于单色的指示灯、无开关功能
- 2.3线：用于双色的指示灯、无开关功能
- 3.4线：用于三色的指示灯、无开关功能
- 4.3线：用于1NO/1NO1NC开关、无指示灯功能
- 5.5线：用于1NO/1NO1NC、单色指示灯带开关功能
- 6.6线：用于1NO/1NO1NC、双色指示灯带开关功能
- 7.7线：用于1NO/1NO1NC、三色指示灯带开关功能

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A1					X	± 0.25	ROCPCU TECHNOLOGY CO.,LTD				
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR					