

承 认 书

SPECIFICATION FOR APPROVAL

客户名称: 深圳华秋智造有限公司

产品名称: 滑动开关

产品型号: T18S-C-Y-0-1B

备 注:

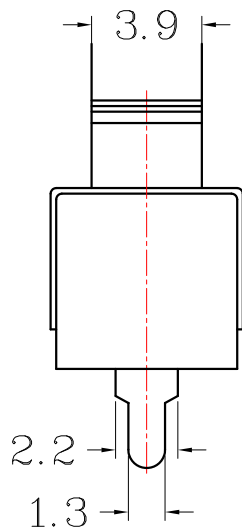
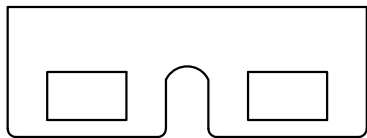
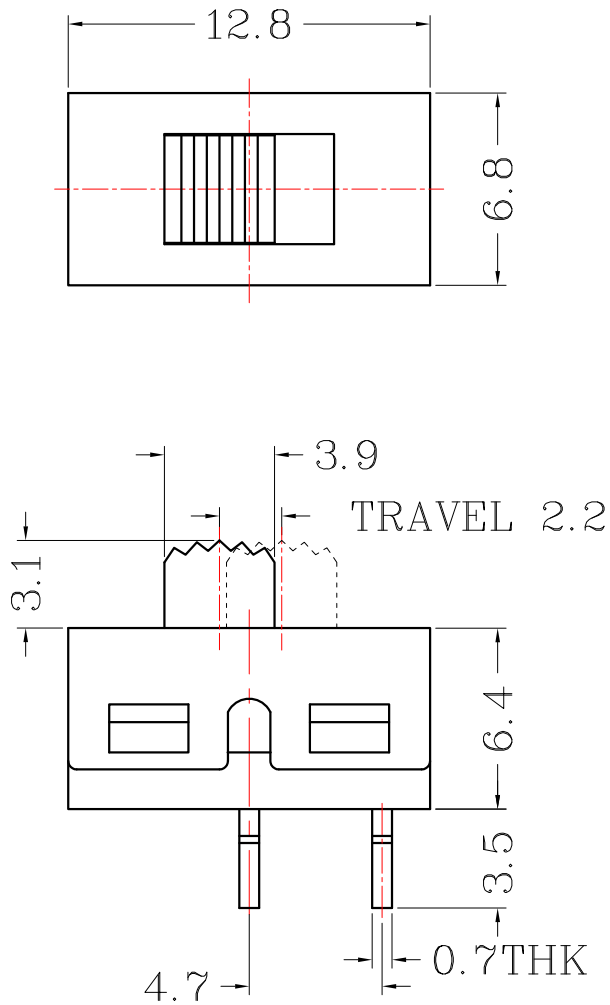
日 期: 2025. 11. 20

出厂承认	批准	审核	制定
	Jason	Jim	Prius
客户承认	批准	审核	主办
最终确认	☐ 认 可	☐ 有条件认可	☐ 驳 回
备注			

珠海拓林电子科技有限公司
ZHUHAI TOPLY ELECTRONICS SCIENCE & TECHNOLOGY CO
TEL: 0756-3378980、3378782 FAX: 0756-3378771



MARKS	MODIFICATION	QTY.	CHG. BY	DATE

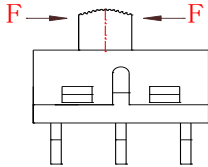
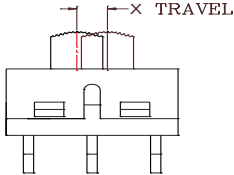
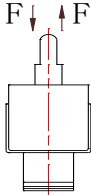


开关类别 Switch Category	拨动开关 Slide Switch
电路图 Circuit Diagram	
认证/规格 Approval / Rating	2A 250VAC 5A 125VAC UL C_UL 3A 250VAC μ T85 TUV
接触电阻 Contact Resistance	$\leq 30m\Omega$
绝缘电阻 Insulation Resistance	500VDC, 1Minute $\geq 100M\Omega$
耐压强度 Dielectric Strength	1500VAC, 5mA 1Minute
电气寿命 Electrical Life	6000 cycles of UL C_UL 10000 cycles of TUV
操作力 Operating Force	1.5N~6.0N

TOPLY ELECTRONICS SCIENCE&TECHNOLOGY CO.,LTD				
工程文件管制中心				
发行章				
		SCALE:	TITLE	MODEL NO.
		NOT SCALE	Slide Switch	T18S
DRAWN	DATE	UNIT:	FUNCTION:	REVISION
Kelly	2025.10.14	mm		00
CHECKED	DATE	TOLERANCE UNLESS STATED	PART NO.	DRAWING NO.
Jason	2025.10.14	.X : ± 0.30	T18S-C-Y-O-1B	
APPROVED	DATE	.XX : ± 0.20	FINISH	
Ben	2025.10.14	ANGULAR: $\pm 3.0^\circ$	NO BURR	SHEET 1 OF 1

File No.（文件编号） WI-EN-008-T18S Edition（版本）A3	Model No.（型号） T18S Series	Prepared by（制定）	Checked by（审核）	Approved by（核准）			
		Sam 2021-11-15	Jason 2021-11-15	Ben 2021-11-15			
1. General [一般描述]							
1.1 Part name [产品名称]		T18S Series Slide switch [T18S 系列推制开关].					
1.2 Operating temperature		0℃~85℃使用环境温度]					
1.3 Function: [功能]							
<table><tr><td>T18S</td><td>1P2T</td><td>ON-ON</td></tr></table>					T18S	1P2T	ON-ON
T18S	1P2T	ON-ON					
1.4 Standard testing condition [测试条件]		Normal Temperature (25℃±10℃)、Normal humidity(45~85%RH)、Normal atmospheric pressure (860~1060hPa) [温度(25℃±10℃)、湿度(45~85%RH)、大气压力(860~1060hPa)]					
1.5 Appearance [外观]		See attached dwg.[见附件图纸]					
2. Approval / Rating [认证/规格]		See attached dwg.[见附件图纸]					
Approval [安规]		Rating [项目]		Electrical life [电气寿命]	Remarks [备注]		
UL,C-UL		5A 125VAC； 2A 250VAC； T55		6E3	Approved		
TUV		3A 250VAC； T85		1E4	Approved		
3. Electrical Characteristics [电气特性]							
NO.[序号]	Item [项目]	Condition [条件]	Criteria [标准]				
3.1	Electrical life [电气寿命]	6,000 ; 10,000 life cycles [6,000 ; 10,000 周次]	Switch perform 10 cycles of normal function after max. electrical life [开关达到最大电气寿命后能继续运行 10 周次]				
3.2	Contact Resistance [接触阻抗]	Initial [起始]	≡ 30m Ω				
3.3	Contact gap [接触间隙]	In off position [在 OFF 位]	<3mm				
3.4	Insulation resistance [绝缘阻抗]	Between terminals to case at 500 VDC for 5 seconds [脚与外壳间承受 500VDC，保持 5 秒]	≧ 100M Ω				
3.5	Dielectric strength [耐压强度]	Between terminals of contacts 1000VAC 5mA for 1 minute [脚与脚间承受 1000VAC，5mA 保持 1 分钟] Between terminals to button 1500VAC 5mA for 1 minute [脚与面盖间承受 1500VAC,5mA 保持 1 分钟]	No flash or dielectric breakdown [无闪光或击穿现象]				
4. Physical Characteristics [物理特性]							
NO.[序号]	Item [项目]	Condition [条件]	Criteria [标准]				
4.1	Mechanical life [机械寿命]	Perform 50,000 cycles operations [50,000 周次]	No detachable parts & switch w/ normal function [开关无损坏/功能正常]				

WI-EN-008-T18S 1 of 2	Product Specification: (产品规格) T18S Series	Zhuhai Topy Electronics Science&Technology Co.,Ltd 珠海拓林电子科技有限公司	Control Chart 工程文件管制中心 发行章
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4.2	Operating force [操作力]	Horizontal force apply to the button [水平力推动在面盖] 	See attached dwg.[见附件图纸]
4.3	Travel [行程]		See attached dwg.[见附件图纸]
4.4	Terminal strength [端子强度]	Pulling & pushing force of max.3kg apply to the terminal vertically [五金脚最大能承受 3kg 垂直拔出/推入力] 	No detach of terminal [脚无推入及脱离现象]
4.5	Solder ability of Terminals [端子可焊性]	Soldering temperature: $230 \pm 5^{\circ}\text{C}$ [焊接温度 $230 \pm 5^{\circ}\text{C}$] Soldering time: 3 ± 0.5 seconds [焊接时间 3 ± 0.5 秒]	Solder should cover minimum 50% of soldering surface [焊料最少覆盖 50%焊接表面]
4.6	Resistance to soldering heat [焊接阻热性]	Soldering temperature: $260 \pm 5^{\circ}\text{C}$ [焊接温度 $260 \pm 5^{\circ}\text{C}$] Soldering time: 5 ± 0.5 seconds [焊接时间 5 ± 0.5 秒]	No damage of plastic [塑料无损坏]
4.7	Flammability rating [防火等级]	Thermoplastic UL 94V-0 [热塑性塑料 UL 94V-0]	

5. Remarks: [备注]

			Model No.（型号） T18S Series	File No.（文件编号） WI-EN-008-T18S Edition（版本）A3
Derivation [更改要点]	Date [日期]	Name [签名]		
WI-EN-008-T18S 2 of 2	Product Specification: (产品规格) T18S Series	Zhuhai Topy Electronics Science&Technology Co.,Ltd 珠海拓林电子科技有限公司	Control Chop	

If the special or particular requirement are not shown in the specification, please contact our company representative for further explanation.

[若在规格书内未有注明的规格，请联系本公司的销售代表以获取详细解释]

This specification is subjected to change without prior notice.

[此规格书如有更改，恕不另行通知]