



CUSTOMER NAME	客户名称:	
CUSTOMER NO.	客户编号:	
SERIES	系 列:	拨动开关大电流系列
MODEL NO.	型 号:	XB-0323SC
DRAWING NO.	图 形 号:	Sliding switch high current series

依据和存档之用，多谢合作！

EXAMINE & APPROVAL 审批

APPROVE 接受	NOT APPROVE 不接受
SIGNATURE 签署 STAMP盖章 DATE日期	

PREPARED BY.制表人	CHECKED BY.校对	APPROVED BY.审核	APPROVAL BY. 批准
研发部 戴海明 2022. 06. 08	品质部 黄自清 2022. 06. 08	工程部 庞军 2022. 06. 08	总经办 吴量 2022. 06. 08

东莞市溪榜电子有限公司

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Country/Region: Hong Kong

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SWIFT/BIC : CITIHKHX(CITIHKHXXXX*If 11 characters are required)

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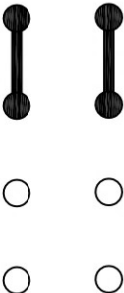
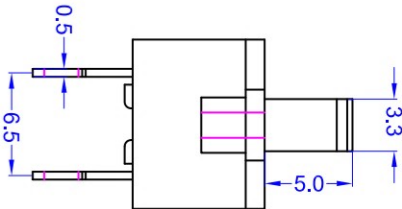
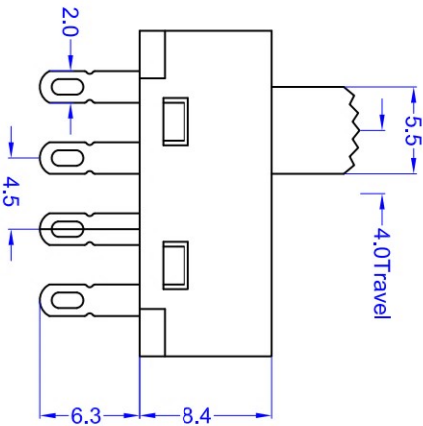
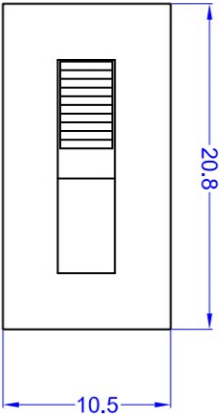
XB@ALPSR.CN

Quality core! Afterburner for Made in China!

E		F		G		H	
REV.	ECN NO.	DATE	DEFINITION	DRAW	APPROVE		

Notes

- 1.Model NO.: XB-0323SC
- 2.Rating:3(3)A 125/250VAC
- 3.Contact resistance:≤100 mΩ
- 4.Insulation resistance:≥100 MΩ(DC500V/Min)
- 5.Electronics life:>10000 cycles
- 6.Solder ability of terminal:Max 350° 3s
- 7.Operation force:500±250gf
- 8.All materials are Rohs compliant



CIRCUIT



东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONI CS CO., L.TD.

DRAWN	Jinmy	180607	SCALE	1:1	DESCRIPTION	SLIDE SWITCH 3(3)A 125/250VAC	
CHECKED	Jinmy	180607	SHEET	1/1			
APPROVED	Jinmy	180607	UNIT	mm	TITLE	SLIDE SWITCH	
TOLERANCE	0 < L ≤ 5		±0.1		PROJECTED	PART NO.	XB-0323SC
	5 < L ≤ 30		±0.2				
	L > 30		±0.3				
	ANGLES ∠		±2°				
			SIZE				
					ENG DRAW NO.	2018081711	

A		B		C		D		E		F		G		H	
1		2		3		4		5		6		1		2	
2		3		4		5		6		1		2		3	
3		4		5		6		1		2		3		4	
4		5		6		1		2		3		4		5	
5		6		1		2		3		4		5		6	
6		1		2		3		4		5		6		1	
A		B		C		D		E		F		G		H	



文件编号	XB2018052201		
发行日期	2018 年 5 月 22 日		
编制	Jimmy	审核	Jimmy
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滑动开关规格书Sliding switch specification

1. General 一般描述

1.1 Part Name

产品名称 滑动开关

1.2 Operating Temperature

使用环境温度 0℃~85℃

1.3 Function 功能

See attached drawing 见附件图纸

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 drawing

见附件图纸

2. Approval/Rating 认证/规格

Approval 安规认证	Rating 规格参数	Electronics life 电气寿命	Remarks 备注
UL、TUV	3(3)A 125/250VAC μ T85	10,000 Cycles	Approved

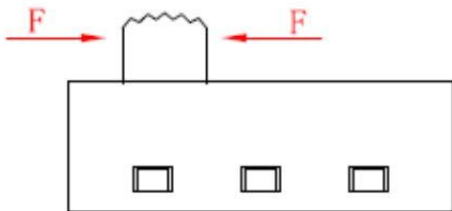
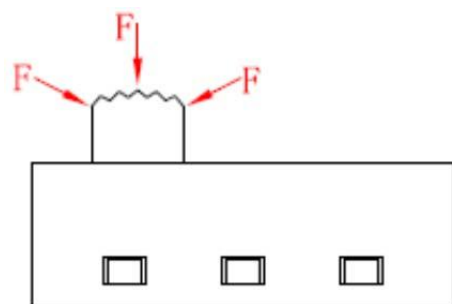
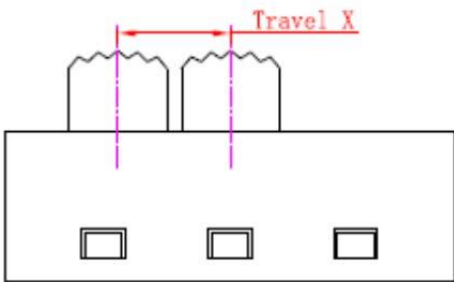
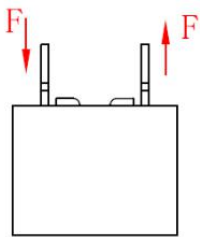
3. Electrical Characteristics 电气特性

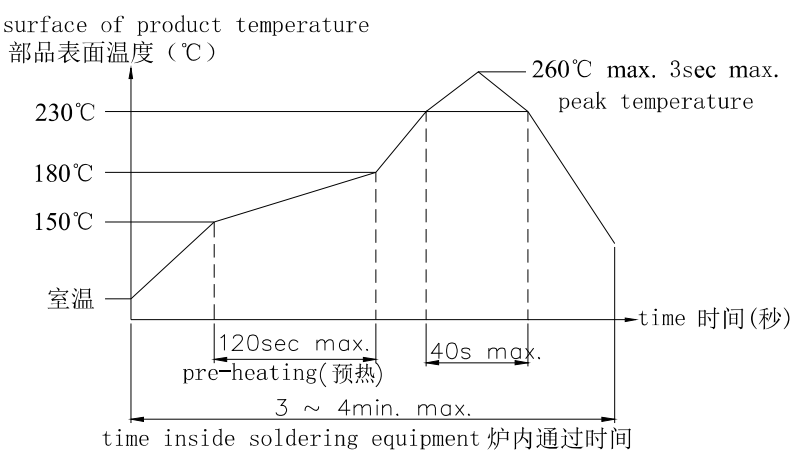
NO. 序号	Item 项目	Condition 条件	Criteria 标准
3.1	Electrical life 电气寿命	10,000 life cycles 10,000 周次	Switch perform 10 cycles of normal function after max. electrical life 开关达到最大电气寿命后能继续运行 10 次
3.2	Contact resistance 接触阻抗	Initial 起始	$\leq 30m\Omega$
3.3	Contact gap 接触间隙	On off position 在 OFF 位	$<3mm$
3.4	Insulation resistance 绝缘阻抗	Between terminals to case at 500VDC for 1minute 脚与外壳间承受 500VDC,保持 1 分钟	$\geq 100M\Omega$
3.5	Dielectric strength 耐压强度	Between terminals of contacts 1000VAC, 5mA for 1 minute 端子与端子间承受 1000VAC, 5mA,保持 1 分钟 Between terminals to button 1500VAC, 5mA for 1 minute 端子与外壳间承受 1500VAC, 5mA,保持 1 分钟	Measurement before life test, no flash or dielectric breakdown 量度于寿命测试前, 无闪光或击穿现象



滑动开关规格书Sliding switch specification

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 / normal function 开关无损坏/功能正常
4.2	Operating force 操作力 Operating mode 操作方式	Correct operation 正确操作  Improper operation 非正确操作 	Operating force: See attach drawing 操作力: 见附件图纸 Correct operation: Horizontal force push pull the slider 正确操作: 水平力推动滑块 Improper operation: Non horizontal force push pull the slider 非正确操作: 非水平力推动滑块 Improper operation will affect the switch function 非正常操作将造成开关功能不良
4.3	Travel 行程		See attached drawing 见附件图纸
4.4	Terminal strength 端子强度	Pulling & pushing force of max.3Kg apply to the terminal vertically 端子最大能承受 3Kg 垂直拔出/推入力 	No detach of terminal 端子无推入及脱离现象

 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		文件编号	XB2018052201		
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滑动开关规格书Sliding switch specification		编制	Jimmy	审核	Jimmy
		版本	A	页面	3/3
4.5	Hand soldering 手工焊接	Please practice according to bellow conditions: 请按以下条件进行焊接: Soldering temperature : $\leq 350^{\circ}\text{C}$ 焊锡温度: $\leq 350^{\circ}\text{C}$ Continuous soldering time: $\leq 3\text{ Sec}$ 连续焊接时间: $\leq 3\text{ Sec}$			
4.6	Automatic flow soldering 自动焊接	For the product of DIP ,type solder according to the following conditions 对于 DIP 产品, 请按以下条件进行焊接 Soldering temperature : $\leq 250 \pm 5^{\circ}\text{C}$ 焊锡温度: $\leq 250 \pm 5^{\circ}\text{C}$ Continuous soldering time: $\leq 5\text{ Sec}$ 连续焊接时间: $\leq 5\text{ Sec}$			
		For the product of SMT ,type solder according to the following conditions 对于 SMT 产品, 请按以下条件进行焊接  The graph shows the surface temperature profile for SMT soldering. The y-axis is 'surface of product temperature 部品表面温度 (°C)' with markers at 150°C, 180°C, 230°C, and 260°C. The x-axis is 'time 时间(秒)' with markers for '120sec max. pre-heating(预热)', '40s max.', and '3 ~ 4min. max. time inside soldering equipment 炉内通过时间'. The profile starts at room temperature, rises to 150°C, then to 180°C (120s max pre-heating), then to a peak of 260°C (40s max), and finally cools down. The peak temperature is labeled '260°C max. 3sec max. peak temperature'.			
4.7	Flammability rating 防火等级	Thermoplastic UL 94V-0 热塑性塑料 UL 94V-0			

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