



规格书

SPECIFICATION

CUSTOMER NAME	客户名称:	
CUSTOMER NO.	客户编号:	
SERIES	系 列:	圆形旋转开关
MODEL NO.	型 号:	XB-RV-00524 series
DRAWING NO.	图 形 号:	Circular rotary switch

If specification of this product meets your request, please confirm all the items of it and return to us with signature and stamp, it will be basis of our production and record. Thanks your cooperation in advance!

若此产品规格符合贵司要求，敬请确认此规格书内所有项目
并签名和盖章后回传给我司，以作我司产品制作之

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

Dong guan Xi Bang Electronics Co., Ltd

地址：广东省东莞市黄江镇合路工业区

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邮箱: admin@alspr.com switch@alspr.com

<http://www.alpsr.cn/> <http://www.alpsr.com/>

Dong Guan XB ElectronicsCo., Ltd

AccountNumber: 705540238

BankName: CitibankN.A., HongKongBranch

Country/Region: Hong Kong

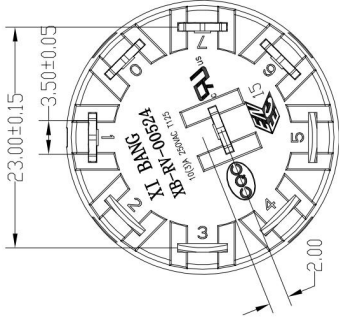
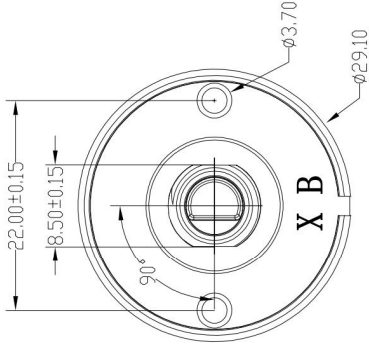
BankCode:006

BankAddress: 3GardenRoad, Central, Hong Kong

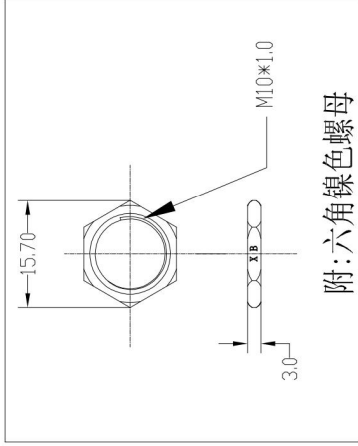
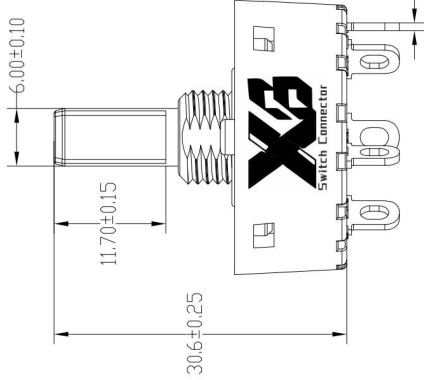
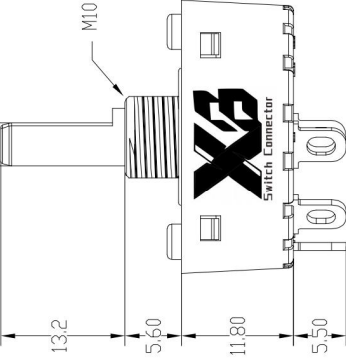
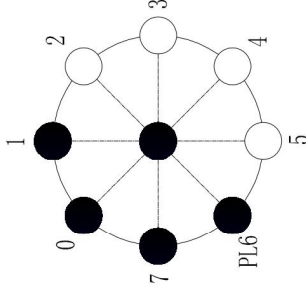
SWIFT/BIC: CITIHKHX (CITIHKHXXXX*if all characters are required)

MAiL: HK@ALPSR.CN XB@ALPSR.CN XB@ALPSR.COM

Quality core! Afterburner for Made in China!

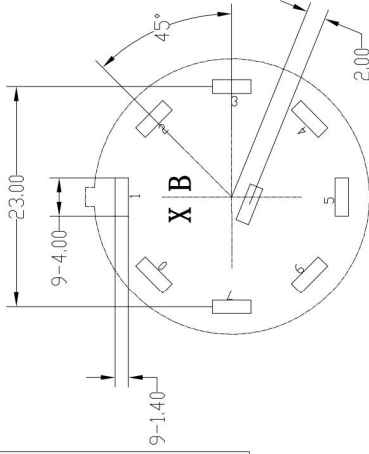


- 1、ELECTRICAL RATING:3(3)A 250VAC T125.
- 2、ROTATION ANGLE:45° .
- 3、CONTACT RESISTANCE:≤50mΩ (INITIAL VALUE).
- 4、INSULATION RESISTANCE:≥100MΩ (EXPERIMENTAL VOLTAGE 500VDC).
- 5、RATED IMPULSE WITHSTAND VOLTAGE 1500VAC, 5mA.
- 6、ELECTRICAL SERVICE LIFE:10000(CYCLES).
- 7、TORSION FORCE:1.0±0.3KGF.
- 8、CIRCUIT DIAGRAM



附:六角镍色螺母

电路功能



PCB LAYOUT



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

旋转开关

UNLESS OTHERWISE SPECIFIED TOLERANCES		TITLE	
DECIMALS	ANGLES		
X ±0.50	X ±2°	DATE	23.04.15
X.X ±0.38	X.X ±1°	DWN	高鹏
X.XX ±0.15	X.XX ±0.5°	CHKD	邢宽展
X.XXX ±0.05		APVD	贺龙飞

REV: A0	SCALE: 1/1	UNIT: mm	PART NO: XB-RV-00524
VIEW:	SIZE: A4	SHEET: 1 OF 1	DWG NO.

PRELIMINARY



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DONG GUAN XI BANG ELECTRONICS CO., LTD

1. General[一般描述]			
1.1Part neme [产品名称]		Rortay switch [旋转开关]	
1.2Function [功能]		OFF L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11	
1.3Operating temperature [使用环境温度]		-10℃~125℃	
1.4ngardtestingcongiton: [测试条件]		Normal Temperature(25℃±10℃)、Normal humidity(45~85RH%) Normal atmospheric pressure (860~1060hpa)	
1.5Appearance[外观]		see attached dwg[见附件图纸]	
2. Approval/Rating[认证/规格]			
Approval[安规]	Rating[规格]	Electrical life[寿命]	Remaks[备注]
TUV	3A 250V AC	10,000	Approved
CQC	3A 250V AC	10,000	Approved
3.Electrical Charcteristics[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 cyclesof ormal function after max. lwctrical life [开关达到最大电气寿命后能继续进行 10 周次]
3.2	Contact Resistanc [接触阻抗]	Initial [起始]	≤ 50m Ω
3.3	GEARS ANDLE [旋转角度]	Each file 每档	30°
3.4	Insulation Resistance [绝缘阻抗]	Between terminals to case at 500 VDC for 5 secpnds [脚与外壳间承受 500VAC,保持 5 秒]	≥ 100M Ω
3.5	Dielectric strengtl [耐压强度]	Between terminals of contacts 1000V AC 5ma for 1 minute [脚与外壳间承受 1000VAC,5ma 保持 1 分钟] Between terminals of CASE 1800VAC 5ma for 1 minute [脚与外壳间承受 1500VAC, 5mA 保持 1 分钟]	Measurmeng before life test,no flash or Dielectric breakdown [量度于寿命测试前，无闪光或者击穿现象]
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 perts & switch w/normal Function [开关无损坏/功能正常]
4.2	Operating torque [扭动力]	Rotation force required for position change-over [每档旋转扭力]	0.6 ±0. 3KGF.

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4.3	Looseness of knob		within $\pm 1.2^{\circ}$
4.4	Flammability rating [防火等级]	Thermoplastic UL 94V-2 [热塑性塑胶 UL 94V-2]	

5.Remarks[备注]