

规格书 SPECIFICATION

CUSTOMER NAM	客户名称	k:	
CUSTOMER NO.	客户编号	<u>-</u> 7:	
SERIES	系列	J:	金属按钮开关Φ10mm
MODEL NO.	型長	<u>-</u> 7:	XB-PBM10(Φ10mm) series
DRAWING NO.	图形号	<u>-</u> ,	Metal button switch Φ 10mm

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	品质部	工程部	总经办
戴海明	黄自清	庞军	吴量
2022.06.08	2022.06.08	2022.06.08	2022.06.08

东莞市溪榜电子有限公司

Dong guan Xi Bang Electronics Co., Ltd

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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*If11charactersare required) MAiL: XB@ALPSR.CN XB@ALPSR.COM HK@ALPSR.CN Quality core! Afterburner for Made in China!

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	┓ 东勢	壱市 溪	§榜电·	子7	有限公司	文件	编号	XB-RD-001
	DONG	GUAN XI	BANG EL	ECTR	ONICS CO.,LTI) 版	号	A-5
Switch Conner	xB-P	ВМ10(Ф	10mm) S	SERIE	S 检验规范总则	」页	次	1/3
审核	庞	东	批准		贺龙飞	生效日	日期	2024. 02. 18
1. General	 一般事项 :							<u> </u>
		ecification i	s applied to t	he swi	tch used in electron	ic equipr	nent	
	围:本规格主		**					
	ing Temperatu							
-	ng Humidity I	-						
-	对湿度: 45~8	e			,			
1-4 Atmosp	oheric Pressure	气压: 86	0~1060mbr.					
-	e temperature a			ts 储存	三温湿度要求:			
•	oerature 温度:	•	1		nidity 湿度:20%~	75%		
2.Appeara	nce Construct	ion and Dir	nensions 外>	观、结	肉、尺寸:			
2-1 Appear	ance: Push bu	utton switch	shall have go	ood fin	hishing, and shall ha	ve no rus	st, crack	c or plating failure.
外观: -	各部分之加工	须良好,升	关上下不能	生锈、	刮伤、裂痕电镀	不良及剥	國等现	起象产生。
2-2 cleansin	ng condition:	Switch's sur	face shall ave	oid cor	ntact with oil sludge	and shal	ll not be	e exposed to the air
		for a long t	ime.					
清洁条件	件:避免开关	表面与空气	长时间接触	及油油	责水溶剂沾污。			
2-3 Constru	ction and Din	nensions: A	ls per produc	t draw	ing.			
	及尺寸: 依组立	立图。						
3.Rating 桟	包器等级:							
2A 36V I		t unu tit die						
4.Electronic	performance	电器性能:					1	
	Property			st Conc				Standards
	项目			测试条	条件			判定标准

	Property 项目	Test Conditions 测试条件	Standards 判定标准
4.1	Contact Resistance 接触阻抗	Measure by micro-ohm meter at DC <u>0.2</u> V, <u>1A</u> 以微欧姆计之 DC <u>0.2</u> V <u>1A</u> 测之.	Max <u>50</u> m Ω <u>50</u> m Ω 以下
4.2	Insulation Resistance 绝缘阻抗	Measure with DC.500V applied between terminals of open contacts and between terminals of opposite polarity. 以 <u>50</u> 0VDC 于开路之端子间,及不同回路端子间.	More than <u>100</u> M Ω <u>100</u> M Ω 以上
4.3	Dielectric withstand Strength Test 耐电压	between terminals of open contacts and between terminals of opposite polarity, and between terminals and frame as following. 开关须施以一分钟电压于开路之端子与端子间,不同两极之端子间及外壳与端子间,以下列额定电压测之. 1500 volts for a switch rated more than 250VAC 额定 250VAC 以 1500 伏特测之	A switch shall withstand for 1 minute without breakdown or arc in a potential applied 1 分钟内不能有电弧导 通或火花产生

			、莞市溪林					编号	XB-RD-001
		DC	NG GUAN XI B	ANG ELE	CTRO	NICS CO., LTI) 版	号	A-5
witch	Connector	M	etal button switc	h series	检验	金规范总则	页	次	2/3
Mec	hanical p	erfor	mance 机械性能:				T		
	Propert 项目	у		Test Conditi 试验条件					ndards 定标准
5.1	Pull tes 拉力测i		A static force of 6. direction on the tip c 拉力测试:施拉以同 子前端一分钟.	of the termin	al for 1	minute.	but shall deviation and brea 端子可:	not su n and b king of 允许变	nay be deformed stain any trouble a reaking of termina insulation materia 型,但不能有脱离 本之绝缘部位破却
5.2	Termina strengtl 端子强度?	1	A static load of <u>3kgf</u> tip of the terminal , terminal of the 在开关端子上施以	there is no switch.	subs	idence for the	satisfied loosenes mechani	, there s or cal syst 〔性能,	deformation i em 机械性能方面?
5.3	Operating I 操作力		The switch should l force of 450gram±1 开关能够在 450g±	50gram	-	operated within a	Tolera: ±150g	nce:	
			Temperature and du 时间:	ration of di	pping	焊锡温度和浸入			
			Terminal of lead 导线端子	Temperati 温度(℃		Time 时间(秒)			
			Manual Soldering 手工焊锡	350±5°	С	3±0.5sec			
5.4	Solderin conditio 焊锡条(on	Note 注意: 1.This product is s reflow soldering, processing, temper seconds; 本产品严禁使用波峰 温度为 350±5℃,时 2.Products after sol avoid solvent to in performance. 产品焊接后,严禁用 品内部影响性能。	please use rature of 35 焊和回流焊, 间为 3±0.5 dering, do no nfiltrate insid	e the 0±5℃a 请使月 秒; t use a de the	manual welding nd time is 3±0.5 引手工焊焊接加工, ny solvent to clean, e product impact	in appea	rance a	es shall be observe nd operation. 型及动作无异常.

		东	莞市溪榜电子有限公	司	文件编号	XB-RD-001
\sum		DONG	GUAN XI BANG ELECTRONICS CO.	, LTD	版 号	A-5
Switch	Connector	Me	tal Button Switch series 检验规范总则	IJ	页 次	3/3
5.5	Mechanica 无负载机标 试	戒寿命测	The switch applied without electric lo 未施电器负载的情况下测试	bad	least 50000 mechanical	should operate at) times, without failure 次数超50000次
5.6	Load lif 负载寿a		The switch applied electric load 电器负载的情况下测试		least 10000 mechanical	should operate at) times, without failure 欠数超过 10000次
5.7	Trav 行利		Push by recommended operating condition:2.0± 行程:2.0±0. 5mm	0. 5mm	Toleranc ± 0.5 mm	e:
5.8	Waterpro 防水》		Panel IP67 waterproof test 面板 IP67 防水测试		water inside	tion is normal, no - E常,内部无进水
5.9	Torque 扭力测		Torque wrench or related equipment te 扭力扳手或相关仪器测试	sting	Torque ran 扭力范围:	-
6 Wea	ther Proo	f耐候性				
	Property 项目	/	Test Conditions 试验条件		Standa 判定核	
6.1	Cold Pro 耐寒性	cond of meas taker -20±	socket for testing being kept in the normal ition at -20±2℃ for 96 hours, then to be ured within 1 hour after drops of water being away. =2℃放置 96 小时试验后,置于常温常湿中 1 ; 除去水滴后,在一小时内测试之。			ance: <u>50</u> m Ω
6.2	Hot Proc 耐热性	of $\begin{array}{c} \text{cond} \\ \text{meas} \\ 85 \pm \end{array}$	socket for testing being kept in the normal ition at 85 ± 2 °C for 96 hours, then to be ured within 1 hour. 2℃放置 96 小时试验后,置于常温常湿中 1;在一小时内测试之。		e 4.3shall be s 5足 4.3 项	atisfied
6.3	Resistance humidity 耐湿性	Inlet cond e to then y wate: 40± 后,	socket for testing being kept in the normal ition at 40±2℃, and 90~95%HR for 96 hours, to be measured within 1 hour after drops of r being taken away. 2℃,相对湿度 90~95%下,放置 96 小时试验 置于常温常湿中 1 小时;除去水滴后,在一 内测定之。	the app	normalities sh pearance and o D造无异常现	

ME	METAL BU	BUTTON	SWITCH	ХВ-РВ	PBM10	(10MM)		SERIES	
HOM	HOW TO ORDER	采	购识别码						
PBM10	=	X	H	b	R 6			0 S	
		I							
Series 系列号	Function 开关功能	余 on	Button Type 按键类型		Lamp Type 灯类型			Body Type 外売类型	
	Switch Assemble 开关组合	Operation type 操作类型		Light Type L 发光形状	Lamp Color 」 灯颜色	Lamp Voltage 灯电压	Body Material 外壳材质	Surface Plated 表面处理	ed
	11 🕂 2P	M Momentary 复位			Without LED -	Without LED	B Brass 黄铜	鋼 0 Without Surface Plated	lated 本色
	- 71	Z Lock 自顿		Wone 不带灯 W	White 白色 3	3V	S SUS 不锈钢	纲 1 Mirror Chrome plated 鏡面镀铬	uted 镜面镀铬
			-		Rod 虹色 6	6V	Z Zn Alloy 锌合金	1 Mirror Nickel plated	od 镜面镀镍
				(Ring 环状 G	Oreen see 12	124	A Al Alloy 铝合金	金 3 Mirror Gold plated	镜面镀金
				<				4 Velour Chrome plated	ited 丝绒铬
				⊢				5 CD Pattern	CD 纹
					1	}		6 Black oxide	煲黑
Series	Mounting Hole	Function	Cap Type	Lamp Type	Body Type	Туре		7 Blast sanding	峨砂
DDM	10	:		,	2			8 Yellow oxidation	氧化黄色
	-[2	I	-[=		0			9 Red oxidation	氧化红色
 系列号	 开孔尺寸	 开关功能	 上盖形状	 灯类型	外壳枚	 外壳材质处理			
The material contained in this du specifically authorized by XiBang improvement without prior notice.	tained in this drawin norized by XiBang i5 out prior notice.	g is the property of prohibited. The above	The material contained in this drawing is the property of XiBang. Any use other than that specifically authorized by XiBang i5 prohibited. The above drawing IS subjected to change for improvement without prior notice.	that ange for					
		东莞市溪榜E	东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD	7	SPRING	ST	STEEL WIRE	1 NATURE	
	TITLE : METAL PUHS	PUHS BUTTON SWITCH	CH		STEEL BALL BOARD	PH PH	STEEL PHENOLIC RESIN	1 NATURE	
Switch Lonnector	MODEL :				\vdash	PB	PBS STRIP	\vdash	
UNIT : MM	DWN. ZENO	ZENQ. CHEN DATE	TOT	ANGLE	FRAME	IR	IRON STRIP	Н	
SCALE : 3 : 1	CHK'D PEN	PENG. GAO DATE	> 1	> 1.5mm±0.2 ±2° 1	KNOB	POM	POM	a Ag PLAIED	
VERSION 01	APPD. FEI.	FEI. LONG. HE DATE	>=1		П	MA	MATERIAL	QTY. FINISHING	