

产品规格书 **Product Details specification**

产品名称 Title	File No.	Version	Date	Page
XB-SW-3015 振动开关	XB-3D-976	A1	2021.9.30	1/3

■ 功能 Function

- 1、震动检测
vibration detecting

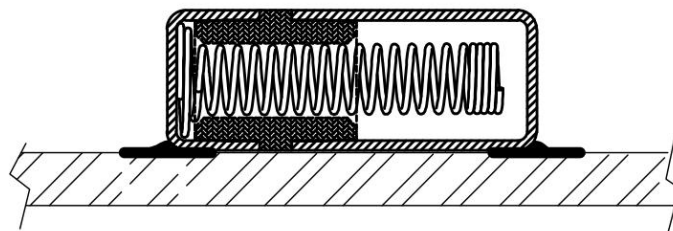
■ 应用产品 Applications

- 1、防盗装置 Alarm device
- 2、儿童玩具 Toys
- 3、电子秤 Electronic scale



■ 产品特性 Features

- 1、FC30系列为贴片式震动全万向性触发开关，任何角度均可触发。
FC30 series is the universal trigger of patch vibration.
- 2、产品处于静止状态时为OFF状态，当开关受到外力产生震动时为ON状态
When the product is at rest, it is in OFF state, and when the switch is vibrated by external force, it is in ON state.
- 3、本规格产品为完全密封式封装，可防水、防尘。
The product of this specification is completely sealed and can be waterproof and dustproof.
- 4、在正常使用状态下，开关寿命可达50万次。
Under normal service conditions, the service life of the switch can reach 500,000 times.



常用装版方式

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■ 电器特性Electrical characteristics

1	接点容量	Contact Capacity	5mA、12V DC
2	电容量	electric capacity	5PF max.
3	导通时间	Conductive time	About 2ms
4	接触电阻	contact resistance	初期10Ω max 寿命后20Ω max
5	开路电阻	Open resistance	>10MΩ
6	绝缘电阻	Insulation Resistance	1000MΩ min
7	耐电压	voltage withstand	500VDC min.1分钟

■ 机械特性Mechanical characteristics

1	温度范围	Temperature range	Working:-35to100° storage:-40to120°
2	端子拉力	Pull force of terminal	500gf for 1 minute
3	导通率	Conduction rate	90% min,95% Av.
4	操作寿命	Operating lifespan	500,000 cycles

■ 材料列表Bill of material

1	五金压帽	hardware pressure cap
2	五金管本体	hardware pipe body
3	固定座	fixing seat
4	弹簧	spring

■ 焊接特性Welding characteristics

1.焊接温度：260℃±10℃

Manual welding：260℃±10℃

2.焊接时间：2-2.5秒

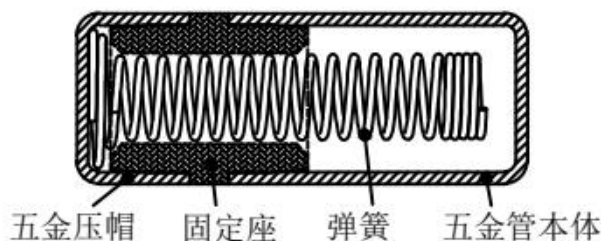
weld time：2-2.5s

3.焊锡：含锡量100%。

Solder tin: tin content 100%.

4.不可使用强酸、碱性助焊剂。

Do not use strong acid alkali flux.

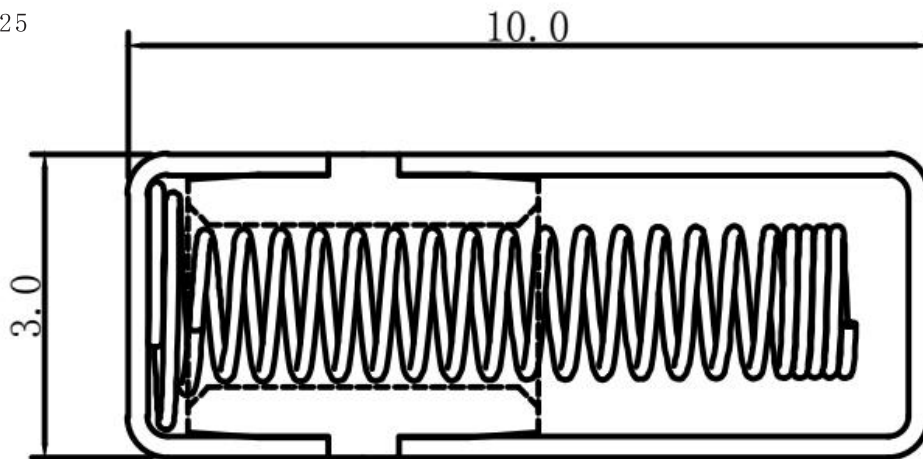


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SIZE 尺寸

Unit: mm,
Tolerance ± 0.25



注意事项 Note

1. 如果该产品要用于高安全性产品及耐久性极高的设备中（如生命安全设备、航空设施、防灾装置），请确认是否合用，或咨询我司了解详情。

If the product used for high security products and durability of extremely high equipment (such as life safety equipment, aviation facilities, disaster prevention device), please confirm whether a share, can seek advice our company for details.

2. 请勿超负荷使用，以防发生火灾。

In case of fire, Please do not overload applicable.

3. 焊接温度或时间超过规范时，会造成开关解体。

The welding temperature or time more than standard, can cause switch collapse.

4. 勿使用水溶性助焊剂、可能会造成开关损坏。

Do not use water solubility flux. May cause damage to the switch.

5. 勿使用溶剂清洗开关。

Do not use solvent wash switch.

6. 本开关导通率为98%以上（导通率是指开关每100次动作中，可以良好导通的比率）。

This switch conduction rate of 98% (conductivity rate per 100 times value switch actions, can good conduction ratio).

7. 溪榜公司只承担本产品本身不良问题，对不良品进行退换货，不承担其它连带费用责任。

XiBang company is only responsible for the defective problems of the product itself, return and exchange the defective products, and does not bear other joint and several expenses.