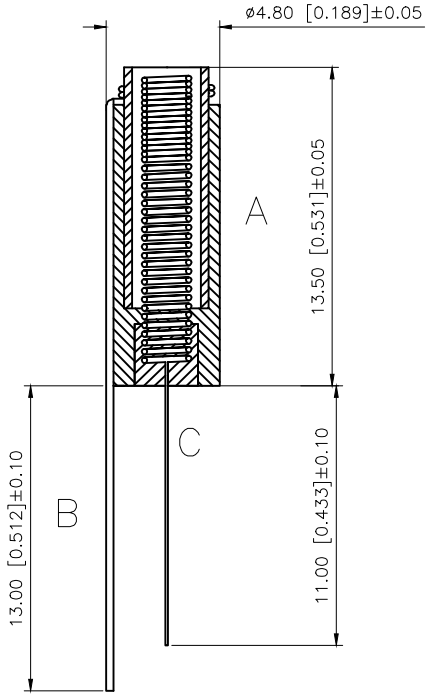


| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.06.24 | 阿树     |



XKB Product features:

产品特性:

1. Sw-18015D is a sealed spring type non directional vibration inductive trigger switch, which can be triggered at any angle.XKB

1.SW-18015D为密封式弹簧型无方向性振动感应触发开关, 任何角度均可触发。

2. This series of switches are in open circuit off state when they are at rest. When they are touched by external force and reach the corresponding vibration force, or when the moving speed reaches the appropriate (eccentric) centrifugal force, the conductive contact feet will produce instantaneous conduction and present on state. When the external force disappears, the switch will return to open circuit off state.

2.本系列开关在静止时为开路OFF状态, 当受到外力碰触而达到相应震动力时, 或移动速度达到适当(偏)离心力时, 导电接触脚会产生瞬间导通而呈ON状态, 当外力消失时, 开关恢复为开路OFF状态。

3. This series of switches with model P are completely sealed and can be waterproof and dustproof.XKB

3.本系列开关带P型号的, 为完全密封式封装, 可防水防尘。

4. The trigger sensitivity of this series of switches is high sensitive.XKB

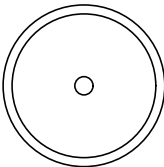
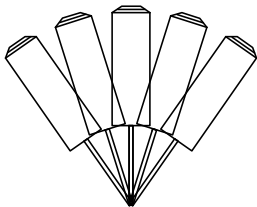
4.本系列开关触发灵敏度为高灵敏。

5. The service life of this series of switches can reach 200000 times under normal use.XKB

5.本系列开关在正常使用情况下寿命可达200,000次。

6. This series of switches are suitable for toys, burglar alarm, electronic scale and other electronic products.XKB

6.本系列开关适用于玩具, 防盗报警器, 电子称等电子产品。



Voltage: < 12V  
Current: < 20mA  
Conduction time: 2ms  
Closed circuit resistance: < 30m ohm  
Open circuit resistance: > 10m ohm  
High temperature resistance:-40~+80°  
Terminal tension: 500gf / min  
Humidity: 95RH40 \* 96 hours  
Operating life: 200,000 times

|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



|      |                   |     |                           |           |
|------|-------------------|-----|---------------------------|-----------|
| ⑤    | Housing and cover | 1   | PET heat shrinkable tubes |           |
| ④    | Sealing glue      | 1   | ROSH epoxy resin          |           |
| ③    | Spring C          | 1   | SUS                       | 0.1       |
| ②    | Pin B             | 1   | phosphor copper           | Tin       |
| ①    | Tube A            | 1   | PC                        | Black     |
| ITEM | PAPT NAMF         | QTY | MATERIAL                  | FINISHING |

|          |    |             |                                |
|----------|----|-------------|--------------------------------|
| DESIGN   | 阿树 | VIEW:       | MODEL TYPE: Vibration switch   |
| CHECKED  |    | UNIT: mm/in | PART NO.: SW-18015DPZR-13T11S1 |
| APPROVED |    | SIZE: A4    | DWG NO.:                       |

|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 1/1  | A1       |