ROCPU Product features
Voltage: < 12V
Current: < 20mA
Conduction time: 2 ms
Closed circuit resistance: < 1 ohm
Open circuit resistance: > 1 ohm
High temperature resistance: 120 degrees
Terminal tension: 500gf / min
Humidity: 25~95\%RH
Operating life: 100000 times
Product features:

1. TPSW-105A-B is roller ball type single direction tilt induction trigger switch.
2. When the tilt angle of the electrical end (no foot end) of the product guide is greater than 10 degrees the product is in the open (OFF) state; When the horizontal state of the product changes, when the trigger end (gold-plated pin end) is lower than horizontal and the inclination angle is greater than 10 degrees, the product is in the closed circuit (ON) state. This series of switches are in the open-circuit OFF state when they are still, when they are touched by external force and reach the corresponding vibration force, or when the moving speed reaches the adaptive (partial) centrifugal force, the conductive joint will turn ON instantly; When the external force disappears, the switch will return to the open-circuit OFF state.
3. This series of switches have P model, which is completely sealed package.
4. This series of switches are slow to trigger and can be divided into three different levels of sensitivity.
5. The normal service life of this series of switches can reach 200000 times
6. This series of switches are applicable to series of sensing electronic products such as burglar alarm, electronic scale, power bank, toys, etc

| $(7)$ |  |  |  |  | - |
| :---: | :---: | :--- | :---: | :---: | :---: |
| (6) | Heat shrinkable tube | 1 | PET |  | - |
| (5) | Spring | 1 | Phosphor copper | Tinning | - |
| (4) | Rubber stopper | 1 | PLC |  | - |
| (3) | BALL | 1 | Brass | Plate with silver | - |
| (2) | PIN | 1 | Brass | Gold-plated | - |
| (1) | Copper tube | 1 | Brass | Plate with silver | - |
| ITEM | PAPT NAMF | QTY | MATERIAL | FINISHING | REMARK |


| A4 |  |  |  |  | COMMON TOLERANCE: |  |  | UNIT | M M | PRO JECTED | (-) $\triangle$ | PROD | IAME: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A3 |  |  |  |  |  |  |  | DRAWN BY | FUYUAN | CHECKED BY | COCO | MODEL | TPSW-105A-B |  |
| A2 |  |  |  |  | 敳 | X.XX | $\pm 0.10$ | DATE | 2017 | APPROVAL BY | ALEN | Https: | www.rocpu.tw |  |
| A1 |  |  |  |  | ROCPU | $X . X$ $X$ | $\begin{aligned} & \pm 0.15 \\ & \pm 0.25 \\ & \hline \end{aligned}$ | $P \circlearrowleft$ |  |  |  |  | Q@,, | $T D$ |
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|  |  | A |  | B |  | C |  | D |  | E |  | F | G |  |

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