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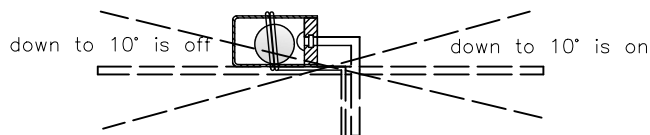
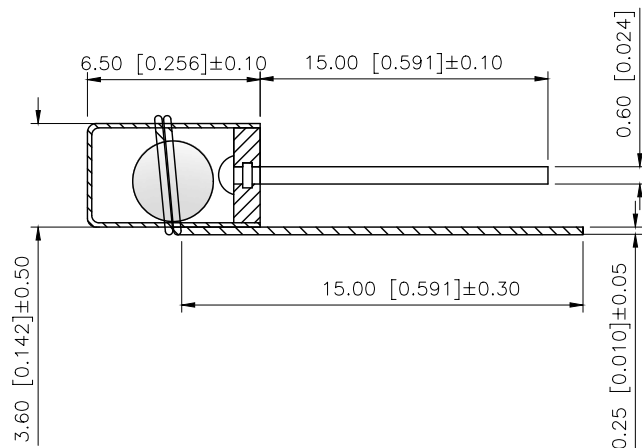
A

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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



Product features:

产品特性:

1. SW-105A is roller ball type single direction tilt induction trigger switch.

1.SW-105A为滚珠型单方向倾斜感应触发开关。

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.

2.当产品向导电端（无脚端）倾斜、倾斜角度大于10度角时，产品处于开路，（OFF）状态；当产品水平状态发生倾斜变化，触发端（镀金引脚端）低于水平且倾斜角度大于10度角时，产品处于闭路，（ON）状态。

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振动力时，或移动速度达到适应（偏）离心力时，导电接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 have P model, which is completely sealed package.

3.本系列开关带P型号，为完全密封式封装。

4. This series of switches are slow to trigger and can be divided into three different levels of sensitivity.

4.本系列开关触发偏迟钝，可分三种不同等级灵敏度。

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

5.本系列开关在正常使用寿命可以达到200000次。

6. This series of switches are applicable to series of sensing electronic products such as burglar alarm, electronic scale, power bank, toys, etc

6.本系列开关适用于，防盗报警器，电子秤，移动电源，玩具等系列传感类型电子产品。

Voltage: < 12V
Current: < 20mA
Conduction time: 2ms
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

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



DESIGN	阿树	VIEW:	MODEL TYPE:
CHECKED		UNIT: mm/in	Vibration switch
APPROVED		SIZE: A4	PART NO.: SW-105AC-15G
			DWG NO.: X-SW-105AC-15G
SCALE	PAGE	REVISION	
N/A	1/1	A1	

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