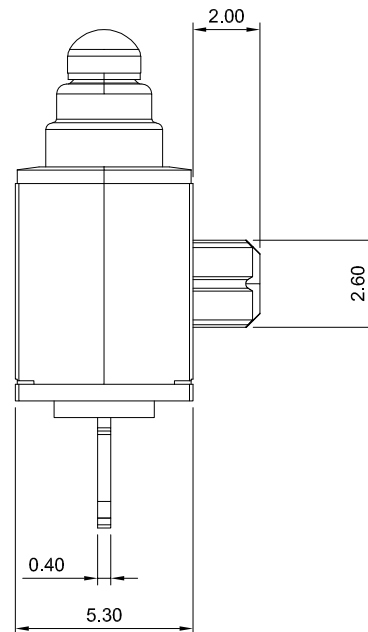
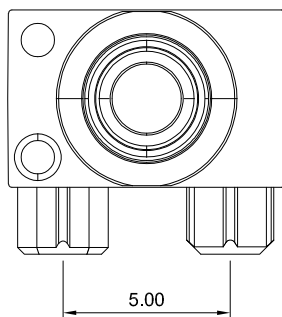
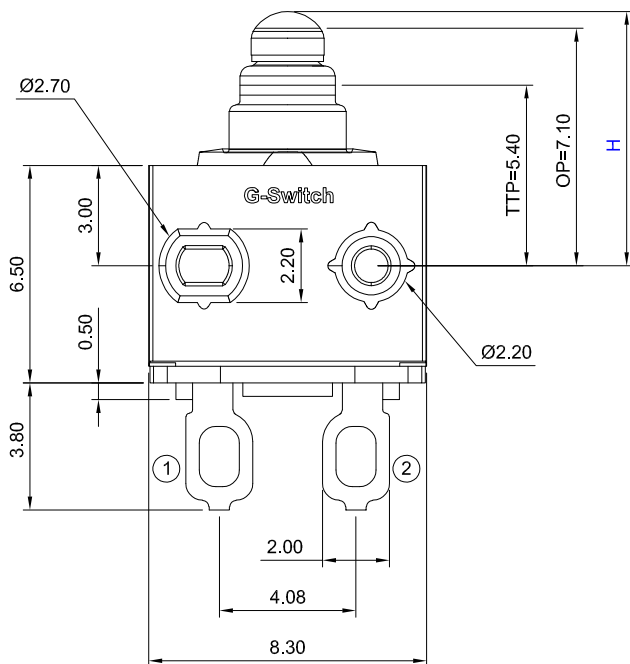
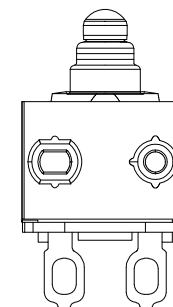


PCB REFERENCE DIAGRAM  
TOLERANCE:±0.05



## DS - D A016A-H076-L3 A

Detector  
Switch

Installation  
D=Dip

Structure  
A=Normally Open

Operating Force  
A=100gf

Switch Height(mm)  
H076=7.6

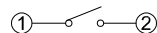
Switch Lifetime  
L3=300,000 Cycles

Detail  
A=With Pilot

### G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 0.1A, 12V DC
3. Insulation resistance: 100MΩ min. 100V DC
4. Dielectric strength: 500V AC for 1 min
5. Contact resistance: 500mΩ max.
6. Travel: 0.50±0.3mm

|     |               |          |           |
|-----|---------------|----------|-----------|
| 7   | COVER         | PBT      | BLACK     |
| 6   | CAP           | SILICONE | GREY      |
| 5   | BUTTON        | POM      | BLACK     |
| 4   | CONTACT PIECE | C1720    |           |
| 3   | SPRING        | SUS      |           |
| 2   | BASE          | PBT      | WHITE     |
| 1   | TERMINAL      | C2680    | Ag PLATED |
| NO. | PART NAME     | MATERIAL | REMARK    |



CIRCUIT DIAGRAM



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General Tolerance:

X. ±0.40  
X.x ±0.30  
X.xx ±0.20  
X\* ±3°

Title: Vertical Detector Switch  
DIP 8.30×5.30×6.50mm

Molde Code: DS-DA016A-H076-L3A

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Lai   | Chen    | Chen     | 2025.09.14 |

品赞科技  
**b-Switch**  
www.dg-switch.com

REV: A0 SHEET: 1/1