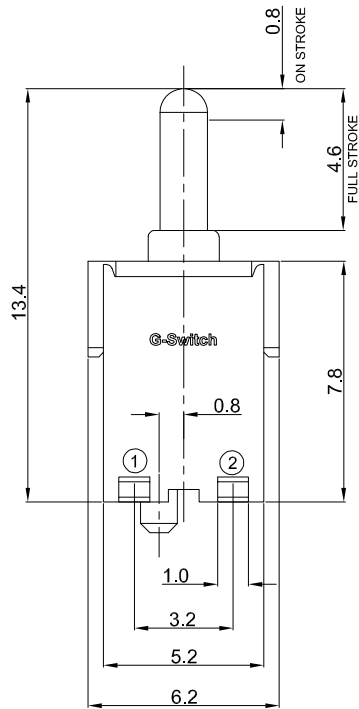
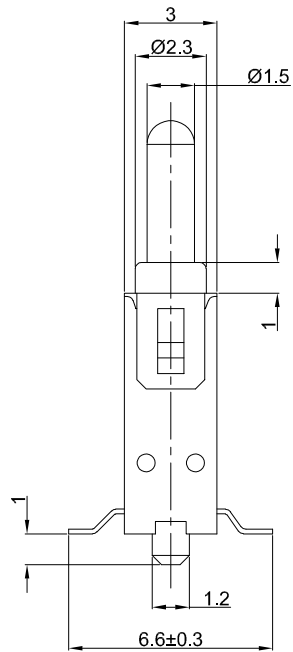


## DS - S A004A-H134-L05 A

Detector  
Switch

Installation  
S=SMT

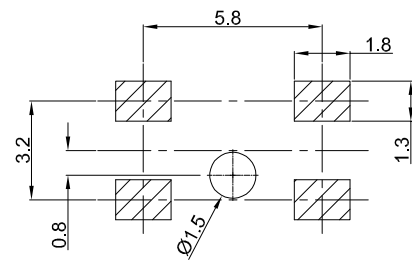
Structure  
A=Bronae Spring

Operating Focrce  
A=120±40gf

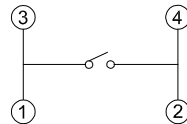
Switch Height(mm)  
H134=13.4

Switch Lifetime  
L05=50,000 Cycles

Detail  
A=With Pilot



RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05



CIRCUIT DIAGRAM

### G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA.5V DC
3. Insulation resistance: 100MΩ min. 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 500mΩ max.
6. Travel: 4.6±0.3mm

| NO. | PART NAME | QTY | MATERIAL | REMARK     |
|-----|-----------|-----|----------|------------|
| 6   | TERMINAL  | 1   | BRASS    | Ag plating |
| 5   | CASE      | 1   | PPA      | BLACK      |
| 4   | SPRING    | 1   | SUS      | NATURAL    |
| 3   | CONTACT   | 1   | BRONAE   | Ag plating |
| 2   | BUTTON    | 1   | PPA      | BLACK      |
| 1   | COVER     | 1   | PPA      | BLACK      |



|                                                                                         |          |                                                       |            |          |            |
|-----------------------------------------------------------------------------------------|----------|-------------------------------------------------------|------------|----------|------------|
| SCALE: 4:1                                                                              | UNIT: mm | Title: Vertical Detector Switch<br>SMT 6.2×3.0×13.4mm |            |          |            |
| SIZE: A4                                                                                |          | Molde Code: DS-SA004A-H134-L05A                       |            |          |            |
| Unless otherwise<br>General Tolerance:<br>X. ±0.40<br>X.x ±0.30<br>X.xx ±0.20<br>X* ±3° |          | DRAWN                                                 | CHECKED    | APPROVED | DATE       |
|                                                                                         |          | Lai                                                   | Chen       | Chen     | 2025.09.07 |
|                                                                                         |          | REV: A0                                               | SHEET: 1/1 |          |            |

