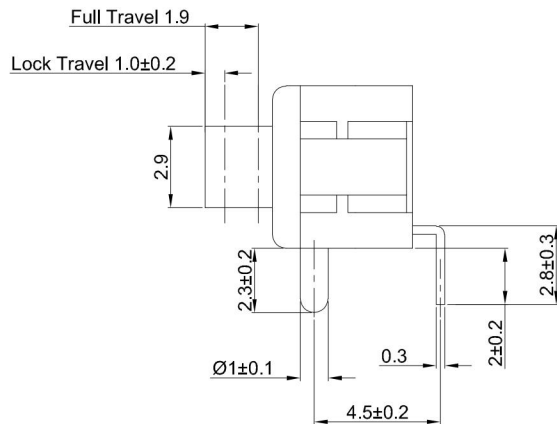
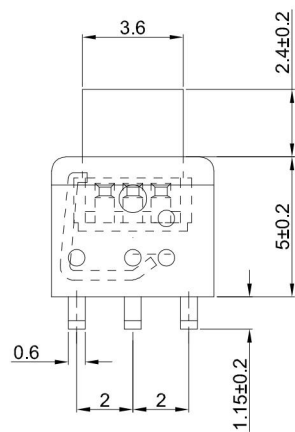
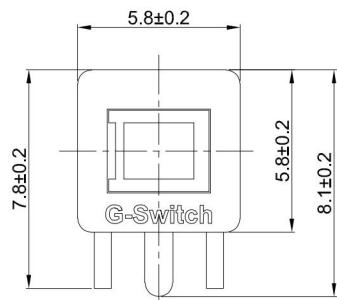
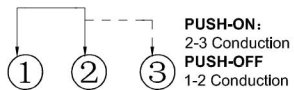
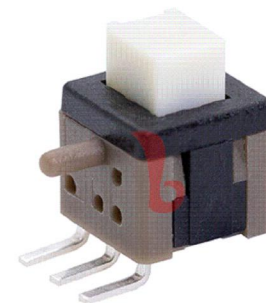
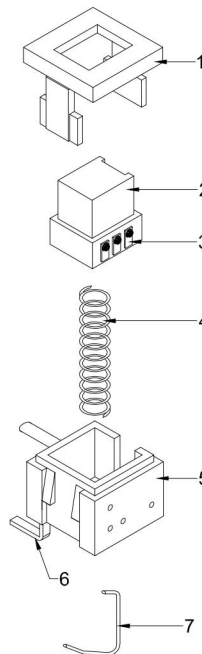
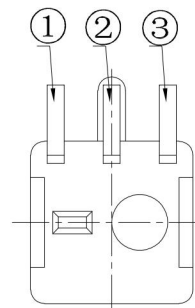


RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05



CIRCUIT DIAGRAM



PS-58 24 D H A - 3PL A

Push Switch

Switch Type  
58=5.8×5.8mm

Switch Height  
24=2.4mm

Foot Type  
D=Dip

Type  
H=Horizontal

Operating Force  
A=180gf

Attach  
A=Base With Pilot  
N=No Pilot

Switch Function  
L=Lock  
N=No Lock

Foot Position  
3P=3pin

**G-Switch Specification:**

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA, 24V DC
3. Insulation resistance: 100MΩ min. 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 100mΩ max.
6. Switch lifetime: 30,000 Cycles

|     |           |          |     |           |
|-----|-----------|----------|-----|-----------|
| 7   | TERMINAL  | BRASS    | 6   | Ag PLATED |
| 6   | CASE      | PPA      | 1   | BLACK     |
| 5   | LOCK PIN  | SUS WIRE | 1   | NATURAL   |
| 4   | SPRING    | SUS WIRE | 1   | NATURAL   |
| 3   | CONTACT   | BRONZE   | 2   | Ag PLATED |
| 2   | KNOB      | PPA      | 1   | WHITE     |
| 1   | COVER     | PPA      | 1   | BLACK     |
| NO. | PART NAME | MATERIAL | QTY | FINISHING |

|                                                                                                    |          |                                                    |         |          |            |
|----------------------------------------------------------------------------------------------------|----------|----------------------------------------------------|---------|----------|------------|
| SCALE: 1:1                                                                                         | UNIT: mm | Title: Horizontal Tact Switch<br>DIP 5.8×5.8×2.4mm |         |          |            |
| SIZE: A4                                                                                           |          | Molde Code: PS-5824DHA-3PLA                        |         |          |            |
| Unless otherwise<br>General Tolerance:<br>X ±0.40<br>X.x ±0.30<br>X.xx ±0.20<br>X° ±5°<br>X.x° ±3° |          | DRAWN                                              | CHECKED | APPROVED | DATE       |
|                                                                                                    |          | Xia                                                | Chen    | Chen     | 2023.02.01 |



REV: A0 SHEET: 1/1