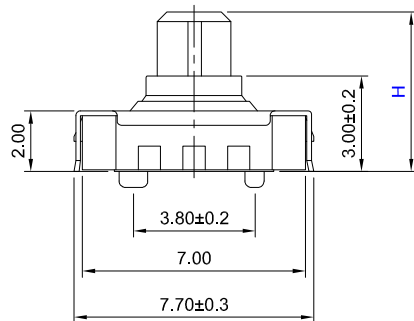
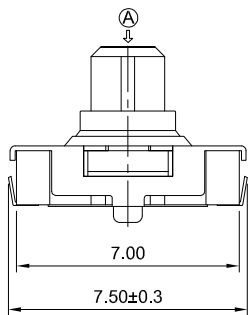
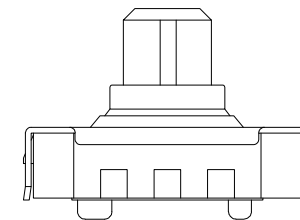


CIRCUIT DIAGRAM



GT-TM 7001 B B -H060-L1 A

G-Switch

Tact Multifunc

Series No

Terminal type  
B=Bend

Detail

Switch Lifetime  
L03=30,000 Cycles  
L1=100,000 Cycles

Switch Height (mm)  
H050=5.0 H060=6.0

Operating Force

5 Functions:

A=260±80gf(Center)

160±60gf(Side)

B=260±80gf(Center)

200±70gf(Side)

E=350±80gf(Center)

250±80gf(Side)

G=450±90gf(Center)

350±70gf(Side)

4 Functions:

C=200±70gf(Side)

D=250±80gf(Side)

F=160±60gf(Side)

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C

2. Rating: 50mA. 12V DC

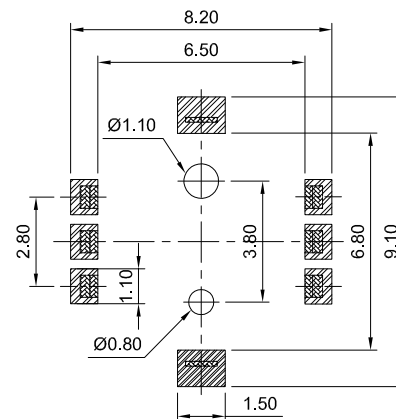
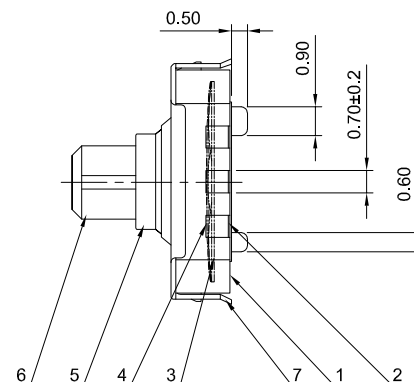
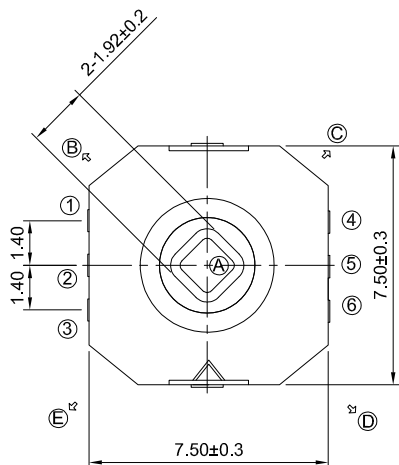
3. Insulation resistance: 100MΩ min. 100V DC

4. Dielectric strength: 250V AC for 1 min

5. Contact resistance: 100mΩ max.

6. Center Travels: 0.15±0.1mm

7. Side Travels: 0.15~0.7mm



PCB REFERENCE DIAGRAM  
TOLERANCE: ±0.05

|     |              |           |           |
|-----|--------------|-----------|-----------|
| 7   | COVER        | SUS       | Ag PLATED |
| 6   | HANDLE       | PPA       | BLACK     |
| 5   | BUTTON       | PA6T      | BLACK     |
| 4   | DUST COVER   | POLYIMIDE | YELLOW    |
| 3   | SPRING BLADE | SUS       | Ag PLATED |
| 2   | TERMINAL     | C5210     | Ag PLATED |
| 1   | BASE         | LCP       | BLACK     |
| NO. | PART NAME    | MATERIAL  | REMARK    |



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General Tolerance:  
L<2 ±0.10  
2≤L<8 ±0.20  
8≤L<15 ±0.25  
L≥15 ±0.3~0.5  
X° ±5°

Title: Vertical Multi Function Tact Switch  
SMT 7.5×7.5×H6.0mm

Molde Code: GT-TM7001BB-H060-L1A

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Lai   | Chen    | Chen     | 2025.10.10 |

品質科技  
b-Switch®  
www.dg-switch.com

REV: A0 SHEET: 1/1