

SPECIFICATIONS

DIELECTRIC STRENGTH: AC250V /1MIN  
RATING:DC12V,50mA MAX  
CONTACT RESISTANCE:100mΩ MAX  
INSULATION RESISTANCE:100MΩ MIN  
OPERATING LIFE:100,000 CYCLES  
OPERATING FORCE: 250gf±50gf OR 180gf±50gf, 350gf±70gf, 400gf±100gf

MATERIALS

BASE: LCP  
TERMINAL: PHOSPHOR BRONZE  
CONTACT: STAINLESS STEEL,SILVER PLATED  
COVER: STAINLESS STEEL,SILVER PLATED  
ACTUATOR: LCP

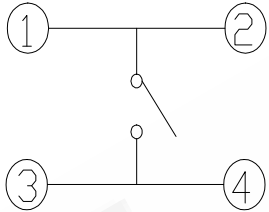
ORDER INFORMATION

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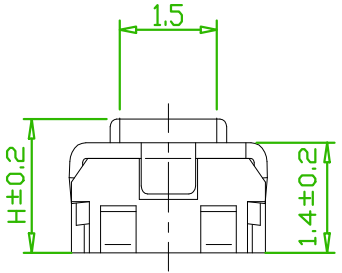
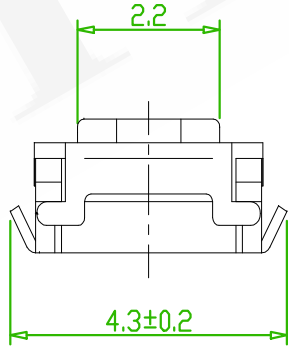
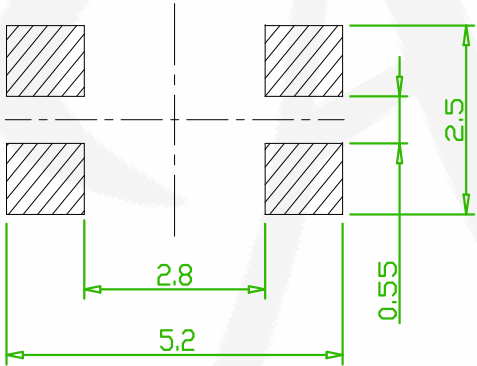
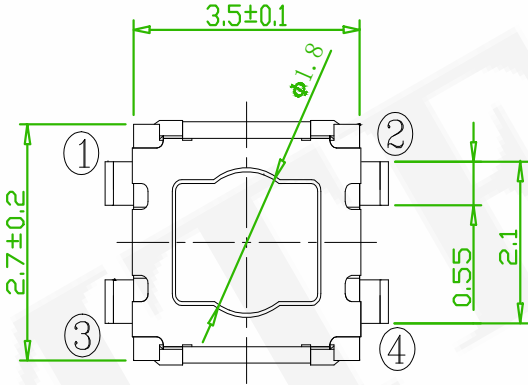
|           |                 |           |                                       |               |
|-----------|-----------------|-----------|---------------------------------------|---------------|
| 017:1.7mm | 180:180gf±50gf  | W:NATURAL | N:W/O PEG<br>W/O GROUND<br>WITH SHELL | H:T/R W/O CAP |
| 018:1.8mm | 250:250gf±50gf  | B:BLACK   |                                       |               |
| 025:2.5mm | 350:350gf±70gf  |           |                                       |               |
|           | 400:400gf±100gf |           |                                       |               |

TABLE A

| P/N                  | H     | STEM<br>COLOR |
|----------------------|-------|---------------|
| 6STMS07-017XXXWXXA01 | 1.7mm | NATURAL       |
| 6STMS07-018XXXWXXA01 | 1.8mm | NATURAL       |
| 6STMS07-018XXXBXXA01 |       | BLACK         |
| 6STMS07-025XXXBXXA01 | 2.5mm | BLACK         |



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT  
(PCB TOLERANCE ±0.05)

|      |                        |         |            |
|------|------------------------|---------|------------|
| REC  | REC N2510000093        | Oliver  | 2025/10/30 |
| REV  | BPM 20250613001        | Gaby    | 2025/07/02 |
| REV  | BPM 20250613001        | John    | 2025/06/27 |
| REV. | ECN NO. OR DESCRIPTION | REVISED | DATE       |

|                                                                                                                                                                     |                      |                          |             |      |                           |                    |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------|-------------|------|---------------------------|--------------------|--------------------|
| <br>Amtek Technology Co., Ltd.<br>TEL: 886-2-2260-6878<br>FAX: 886-2-2260-8030 | 品名<br>TITLE          | TACT SWITCH SMT V/T TYPE |             |      |                           | 頁數<br>Page         | 1/1                |
|                                                                                                                                                                     | 品號<br>PART NO.       | 6STMS07-XXXXXXXXXA01     |             |      |                           | 繪圖<br>DRAWN        | JOHN<br>2025/06/13 |
|                                                                                                                                                                     | 圖號<br>DRAWING NO.    | GN162-JH397              | 版本<br>REV.  | D    | 核對<br>CHECKED             | JOSH<br>2025/06/13 |                    |
|                                                                                                                                                                     | 客戶品號<br>CUSTOMER P/N |                          | 比例<br>SCALE | None | 承認<br>APPROVED            | JOSH<br>2025/06/13 |                    |
|                                                                                                                                                                     | 公差<br>TOLERANCE      | 4<L≤16 ±0.3<br>L≤4 ±0.2  | 單位<br>UNIT  | mm   | 第三<br>ANGLE<br>PROJECTION |                    |                    |
|                                                                                                                                                                     |                      |                          |             |      |                           |                    |                    |