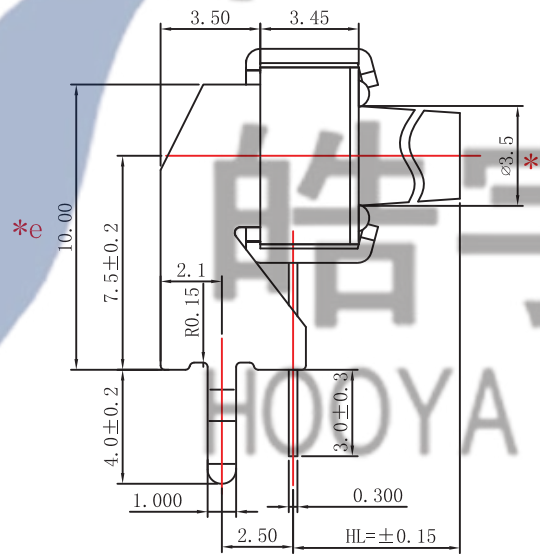
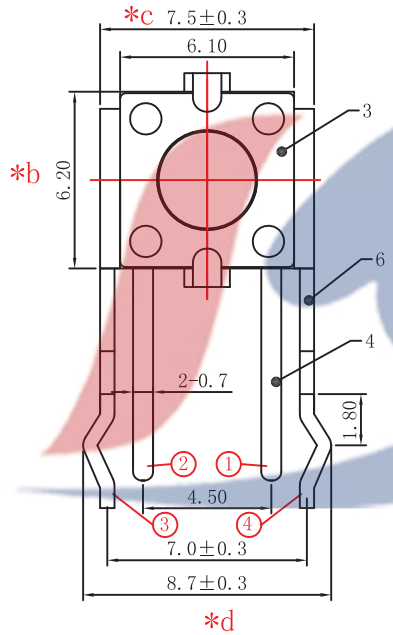
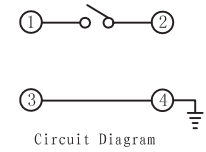
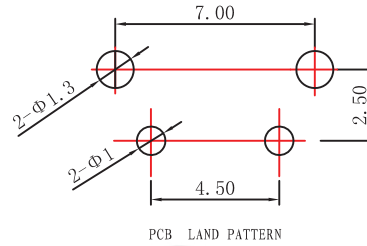
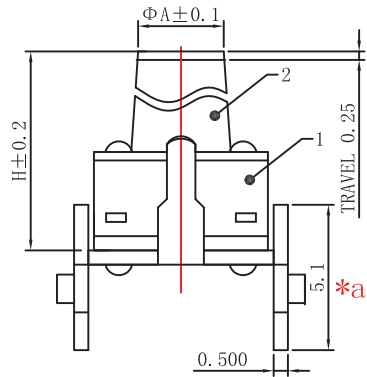


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|   |                                       |   |   |
|---|---------------------------------------|---|---|
| SERIES 產品系列                               | TACT SWITCH                           | TYPE 產品型號   |   |
| DRAWN 設計                                  | MO LI QIN                             | APVD 審批   | GUO YUAN WEI  |
| 1 · RATING (額定值): DC 12V 50mA             |                                       |   |   |
| 2 · OPERATING TEMPERATURE RANGE<br>操作溫度範圍 | -25°C~85°C                            | PRESERVATIVE TEMPERATURE RANGE<br>儲存溫度範圍  | 5°C~40°C  |
| CONSTRUCTION DIMENSION 結構尺寸               | Apply to the appended drawing. 符合附加圖紙 |   |   |
| ITEM 項目                                   | TEST CONDITIONS 測試條件                  | SPECIFICATIONS 規格   |   |
| 3 · ELECTRICAL PERFORMANCE (電氣性能規格):      |                                       |   |   |
| 3A  | CONTACT RESISTANCE<br>接觸電阻            | BEING MEASURED AT 1KHZ SMALL CURRENT CONTACT RESISTANCE METER.<br>在 1KHZ 小電流下測量.  | 100mΩ max<br>100 毫歐以下   |
| 3B  | INSULATION RESISTANCE<br>絕緣阻抗         | A VOLTAGE OF 100V DC SHALL BE APPLIED FOR 1 MIN. AFTER WHICH MEASUREMENT SHALL BE MADE.<br>BETWEEN TERMINALS<br>BETWEEN INDIVIDUAL TERMINALS AND FRAME<br>輸入 100V DC 電壓 1 分鐘,按以下接觸方法測試<br>(1) 接觸端子之間<br>(2) 開關本體與端子之間 | 100MΩ min<br>100 兆歐以上.  |
| 3C  | DIELECTRIC STRENGTH<br>耐電壓            | A VOLTAGE OF 250V AC SHALL BE APPLIED FOR 1 MIN. AFTER WHICH MEASUREMENT SHALL BE MADE.<br>BETWEEN TERMINALS<br>BETWEEN INDIVIDUAL TERMINALS AND FRAME<br>輸入 250V AC 電壓 1 分鐘,按以下接觸方法測試<br>(3) 接觸端子之間<br>(4) 開關本體與端子之間 | WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC<br>沒有損傷 變形絕緣破壞等異常.  |
| 4.MECHANICAL PERFORMANCE(機械性能規格)          |                                       |   |   |
| 4A  | OPERATING FORCE<br>動作力                |   | <u>250gf</u> ± <u>80gf</u>  |
| 4B  | TERMINAL STRENGTH<br>端子強度             | A STATIC LOAD OF (100gf) SHALL BE APPLIED TO THE TIP OF THE TERMINALS FOR 1 MIN. IN ANY DIRECTION<br>在任意一個方向的前端上加力度 (100gf)1 分鐘.  | ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.WITHOUT DAMAGE OR EXCESSIVE LOOSEN-ESS OF ACTUATOR<br>在端子中沒有裂開鬆動等異常滿足於電器性能. |

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|           |          |          |
|-----------|----------|----------|
| ...       | ...      | ...      |
| 9.85      | 11.0     | Φ3.0     |
| 8.85      | 10.0     | Φ3.0     |
| 8.35      | 9.50     | Φ3.0     |
| 7.85      | 9.00     | Φ3.0     |
| 7.35      | 8.50     | Φ3.2     |
| 6.85      | 8.00     | Φ3.3     |
| 6.35      | 7.50     | Φ3.3     |
| 5.85      | 7.00     | Φ3.3     |
| 5.35      | 6.50     | Φ3.3     |
| 4.85      | 6.00     | Φ3.3     |
| 4.35      | 5.50     | Φ3.5     |
| 3.85      | 5.00     | Φ3.5     |
| 3.15      | 4.3      | Φ3.5     |
| 高度HL (mm) | 帽头H (mm) | 直径A (mm) |

|            |             |             |                 |            |   |                |           |                   |                       |            |                |
|------------|-------------|-------------|-----------------|------------|---|----------------|-----------|-------------------|-----------------------|------------|----------------|
|            |             |             |                 |            | <b>TOLERANCE UNLESS SPECIFIED</b>                                 |                | <b>A3</b> | <b>2022.12.28</b> | 更新材质                  | <b>WM</b>  |                |
|            |             |             |                 |            | <b>UP TO 5mm: ±0.1</b>  | <b>ANGULAR</b> | <b>A2</b> | <b>2021.9.10</b>  | 更新材质                  | <b>WM</b>  |                |
|            |             |             |                 |            | <b>ABOVE 5mm: ±0.2</b>  | <b>±1°</b>     | <b>A1</b> | <b>2021.5.28</b>  | 更新图纸                  | <b>WM</b>  |                |
|            |             |             |                 |            |   |                | <b>NO</b> | <b>DATE</b>       | <b>REVISIONS</b>      | <b>BY</b>  | <b>APPD</b>    |
|            |             |             |                 |            | <b>TITLE: TACT SWITCH</b>   |                |           | <b>UNIT : MM</b>  | <b>ROHS COMPLIANT</b> | <b>DWN</b> |                |
|            |             |             |                 |            | <b>MODEL: TC-00100B-075E</b>                                      |                |           | <b>SCALE: 1:1</b> | <b>CHK'D</b>          |            |                |
|            |             |             |                 |            | <b>DONGGUANG HAOYU ELECTRONICS CO., LTD</b><br><b>东莞市弘皓电子有限公司</b> |                |           | <b>APPD</b>       |                       |            |                |
| <b>NO.</b> | <b>PART</b> | <b>NAME</b> | <b>MATERIAL</b> | <b>QTY</b> |   |                |           | <b>FINISHING</b>  | <b>PRO.AGL:</b>       |            | <b>REV :A3</b> |

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| 5 · DURABILITY (耐久性) |  |   |   |
|----------------------|--|---|---|
| 5A                   | SOLDERABILITY TEST<br>可焊性試驗                | THE TOP OF THE TERMINALS SHALL BEDIPPED 2mm IN THE SOLDER BATH OF 245 ±5°C FOR 5S+0/-0.5S .<br>端子頂部被浸入焊錫池中 2mm 深，溫度為 245±5°C，時間為 5 秒+0/-0.5 秒。  | THE AREA OF SOLDERABILITY SHOULD BE OVER 95%<br>焊接面積要有 95%以上  |
| 5B                   | RESISTANCE TO SOLDERING HEAT TEST<br>耐焊性試驗 | Wave-soldering is to be performed within 3 ± 0.5 seconds at 260 ± 5°C 波峰焊接溫度 260 ± 5°C 時間 3 ± 0.5 秒。<br>Hand welding to be performed within 3 seconds at 380 ± 5°C .<br>手工焊接溫度為 380 ± 5°C，時間為 3 ± 0.5 秒。<br>注：本產品只適合用手焊、波峰焊。                            | WITHOUT DEFORMATION OF CASE OR EXCESSIVE LOOSENESS OF TERMINALS<br>ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.<br>本體無變形，能滿足於機械、電氣性能。             |
| 5C                   | LIFE TEST.<br>壽命試驗                         | WITHOUT LOAD ( IT IS TESTED BY MACHINE , ACTING FORCE MUST BE PARALLED TO THE WAY OF PUSHING ) :<br>AN ACTUATOR SHALL BE SUBIECT TO 100000 CYCLES AT A SPEED OF 40 CYCLES FOR 1 MIN<br>無負荷 ( 只限於機器測試，作用力平行於按壓方向 ) :<br>操作者以每分鐘 40 次的頻率作 100000 回之無負荷測試。 | (1) CONTACT RESISTANCE SHALL BE 2Ω max<br>(2) MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED .<br>(1) 接觸電阻不能超於 2Ω<br>(2) 其他滿足於機械電器性能。 |
| 5D                   | HEAT TEST.<br>耐熱試驗                         | 85 ± 2°C FOR 96 HOURS AFTER TEST KEEP IN NORMAL CONDITION FOR 30 MINUTES.<br>在 85 ± 2°C 環境中放 96 小時，再放在正常環境中 30 分鐘後進行測試。   | THERE SHALL BE NO DAMAGE ON APPEARANCE .<br>MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED<br>外觀無異常，滿足於機械，電器性能。                       |
| 5E                   | HUMIDITY TEST.<br>耐濕試驗                     | 40 ± 2 °C 90-96%RH FOR 96 HOURS, TEST AFTER KEEPING IN NORMAL CONDITION FOR 30 MIN.<br>在 40 ± 2°C 90 – 96%RH 環境中放 96 小時，再放在正常環境中，30 分鐘後進行測試。  |   |
| 5F                   | COLD TEST.<br>耐冷試驗                         | AT -25 ± 3 °C FOR 96 HRS. AFTER TEST KEEP IN NORMAL CONDITION FOR 60 MIN.<br>在 -25 ± 3°C 環境中放 96 小時，再置於正常環境中 60 分鐘後進行測試。  |   |
| 5G                   | SALT SPRAY TEST<br>噴霧試驗                    | AT 5% NaCl LIQUOR FOR 8 HOURS, AFTER WASHING, KEEP IN NORMAL CONDITION FOR 30 MIN.<br>5%的 NaCl 溶液中噴霧 8 小時，用水清洗並在室溫下放置 30 分鐘   | WITHOUT EXCESSIVE CORROSION OR CRACK IN APPEARANCE (EXCEPT THE RIVETING POSITION)<br>表面無明顯腐蝕或鍍層脫落現象 ( 铆压位置除外 )                                      |

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6 · 注意事項 (APPLICATION NOTES:)

1、在耐焊接過程中,不得把松香等絕緣、有腐蝕性物質浸入產品內。

( ROSIN AND OTHER INSULATING AND CAUSTIC MATERIAL CAN NOT BE DIPPED INTO THE ROCKET DURING SOLDERING.)

2、產品焊接後不能用氣槍吹或用溶劑沖洗。

( PRODUCTS CAN NOT BE BLOWN WITH AIR GUN OR CLEANED WITH A SOLVENT AFTER SOLDERING.)

3、產品焊接前各零件不能被溶化。

( ALL PARTS OF THE PRODUCTS CAN NOT BE DISSOLVED BEFORE SOLDERING.)

4、避免儲藏於高溫、潮濕及腐蝕的場所。

( AVOID STORING THE PRODUCTS IN A PLACE AT HIGH TEMPERATURE, HIGH HUMIDITY AND IN CORROSIVE GASES.)

5、貯存期限:自發貨之日起,貯存期不超過 180 天,且產品需要 PE 袋密封保存。

( SHELF LIFE IS LESS THAN 180 DAYS SINCE THE GOODS WARE SENT OUT FROM OUR FACTORY. PRODUCTS NEED TO SEAL PRESERVATION PE BAG.)

6、本產品如有不良事件,望廠家及時回饋,以便及時記錄、查核、改善、跟蹤。

( PLEASE FEEL FREE TO REPORT TO US IF YOU DISCOVER THE INFERIOR GOODS, SO THAT WE CAN TAKE NOTE, CHECK, TRACK AND IMPROVE THEM. THANKS.)

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