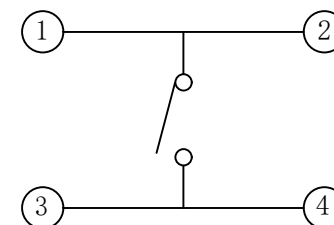
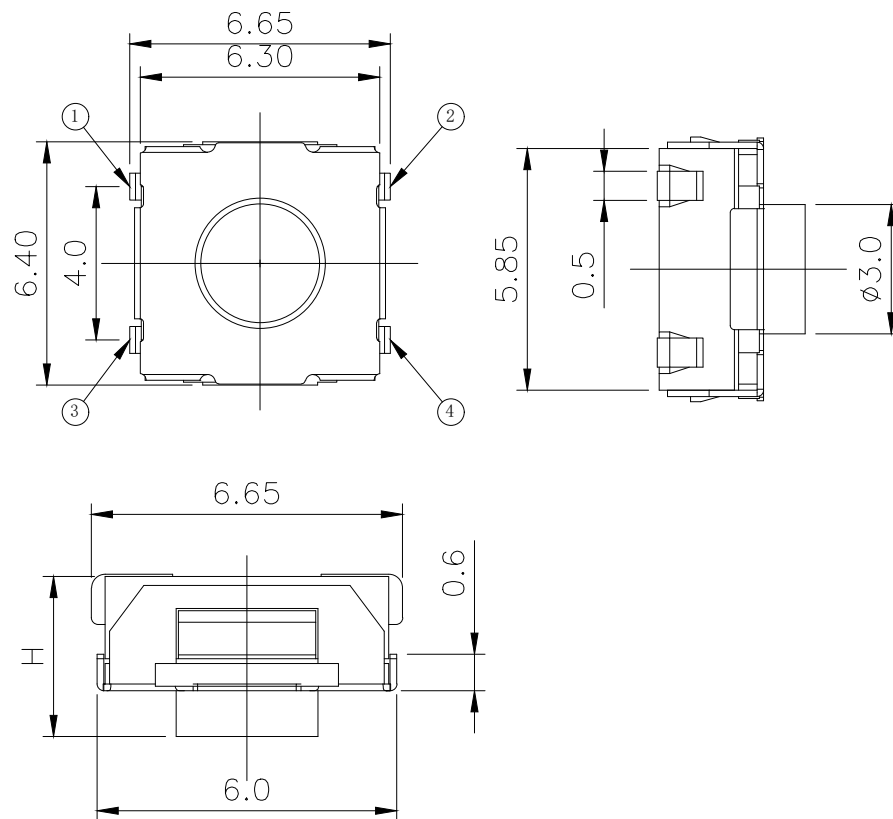
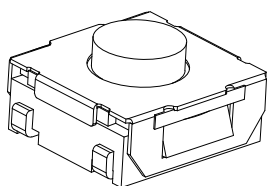
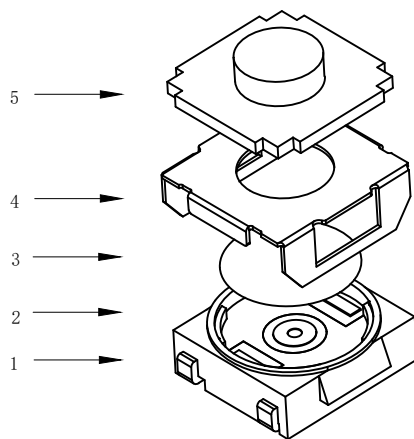


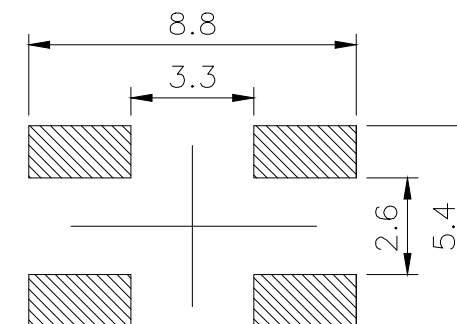
RoHS

CAD GENERATED DRAWING. DON'T CHANGE BY HAND.

| REV. | ECN. NO. | APPD. |
|------|----------|-------|
|      |          |       |



CIRCUIT DIAGRAM



PCB. WELDING DRAWING

## Specification

|                       |                    |
|-----------------------|--------------------|
| Operating Life        | 100,000            |
| Contact rating        | 50mA@12V DC.       |
| Insulation resistance | 1011Ω min.         |
| Contact resistance    | 100mΩ max.initial. |
| Dielectric Strength   | 250 V AC(1mn)      |
| Travel                | 0.25±0.15mm        |
| Storage Temperature   | - 30° C to 80° C   |

## Mechanical

|      |             |                 |     |              |
|------|-------------|-----------------|-----|--------------|
| E    | Button      | Silica          | 1   | Pickling     |
| D    | COVER       | Stainless Steel | 1   | Cleaning     |
| C    | DOME        | Stainless Steel | 1   | Plated Ag    |
| B    | HOUSING     | PPA             | 1   | Black        |
| A    | PIN         | PHOSPHOR BRONZE | 1   | Plated Ag    |
| ITEM | DESCRIPTION | MATERIAL        | QTY | FINISH/COLOR |

| Type     | Operatin Force (gf) | Heiht mm | Button | Leads Shape (G, J, T) | Ground pin (0, 1) | Pogo Option (0, 1) |
|----------|---------------------|----------|--------|-----------------------|-------------------|--------------------|
| YTS1S005 |                     | F 5.5    |        |                       |                   |                    |
|          | 5                   | 350±50   | E 5.2  |                       |                   |                    |
|          | 4                   | 400±50   | D 5.0  |                       |                   |                    |
|          | 3                   | 250±50   | C 4.3  |                       |                   |                    |
|          | 2                   | 160±50   | B 3.5  |                       |                   |                    |
|          |                     | A 3.1    |        |                       |                   |                    |

|                                                                                                                                                                                                                                                                                           |            |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|
| X. ±0.50                                                                                                                                                                                                                                                                                  | X.° ±2°    | UNITS mm |
| .X ±0.30                                                                                                                                                                                                                                                                                  | .X° ±1°    | MAT'L    |
| .XX ±0.10                                                                                                                                                                                                                                                                                 | .XX° ±0.5° |          |
| .XXX ±0.05                                                                                                                                                                                                                                                                                |            | FINISH   |
| THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF YIYUAN TECHNOLOGY CO.,LTD AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF YIYUAN TECHNOLOGY CO.,LTD<br>Email at <a href="mailto:info@yiyuanswitches.com">info@yiyuanswitches.com</a> |            | Q'TY     |
|                                                                                                                                                                                                                                                                                           |            |          |

|                       |  |                           |  |                                                    |                                    |                                 |                                 |                               |
|-----------------------|--|---------------------------|--|----------------------------------------------------|------------------------------------|---------------------------------|---------------------------------|-------------------------------|
| UNITS<br>mm           |  | <div>yiYUAN</div>         |  | 深圳市怡远科技有限公司<br>SHENZHEN YIYUAN TECHNOLOGY CO., LTD |                                    |                                 |                                 |                               |
| MAT'L<br><div></div>  |  | PART NO.<br>YTS1S005      |  |                                                    | TITLE:<br>TACTILE SWITCH 6.2x6.2mm |                                 |                                 |                               |
| FINISH<br><div></div> |  | APPD: ROGER               |  |                                                    | DWG NO. :<br>YTS1S005              |                                 |                                 |                               |
| CHKD: ROC             |  |                           |  |                                                    |                                    |                                 |                                 |                               |
| Q'TY<br><div></div>   |  | DR: BILLY WANG 2020/08/21 |  |                                                    | <div></div>                        | <div>SCALE</div> <div>1/1</div> | <div>SHEET</div> <div>1/1</div> | <div>REV.</div> <div>A1</div> |

Packaging:  
Reel of 1,500 pieces for 3.1-3.5H  
Reel of 1,000 pieces for 4.3~5.5H