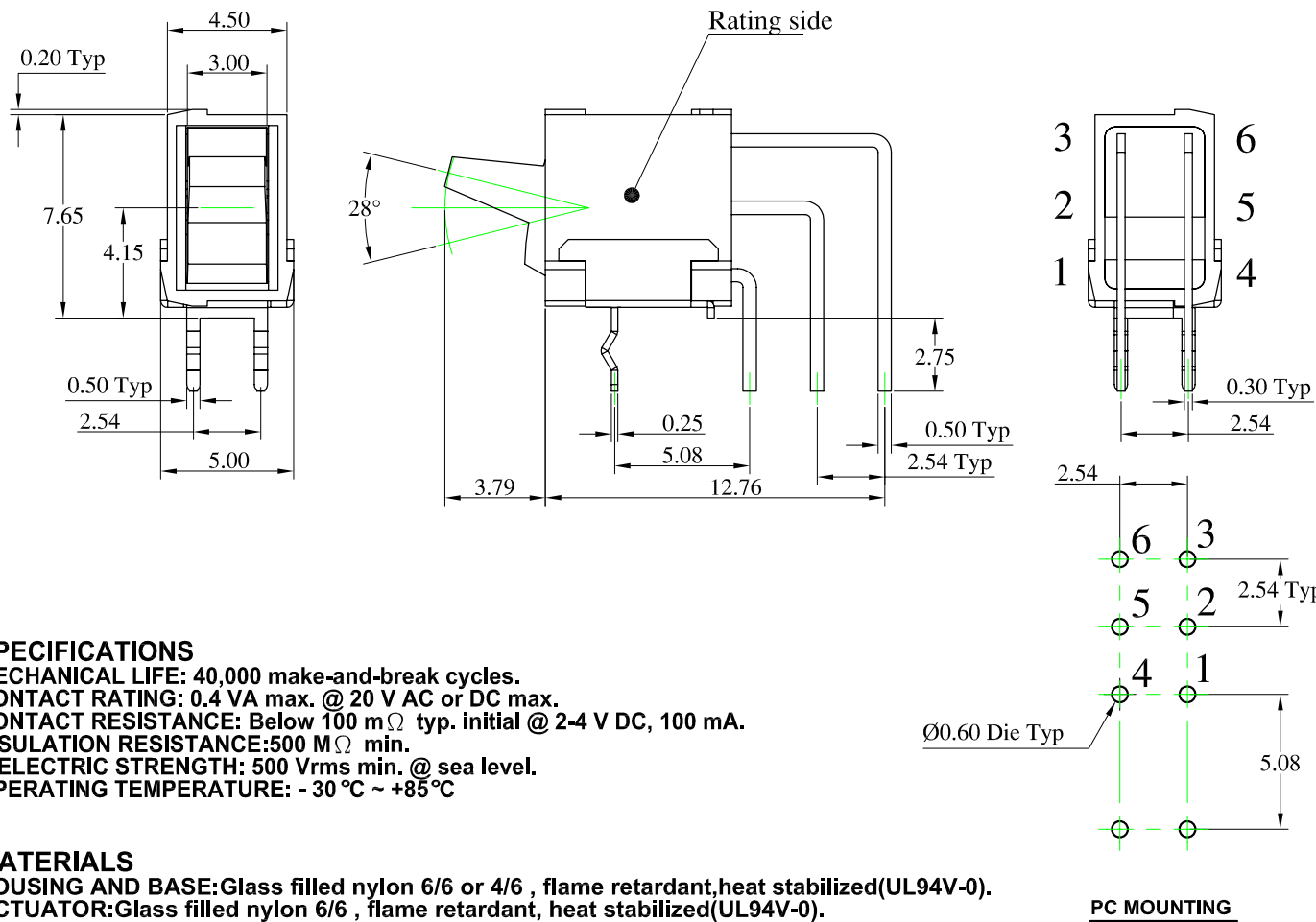




## SPECIFICATIONS

**MECHANICAL LIFE:** 40,000 make-and-break cycles.  
**CONTACT RATING:** 0.4 VA max. @ 20 V AC or DC max.  
**CONTACT RESISTANCE:** Below 100 mΩ typ. initial @ 2-4 V DC, 100 mA.  
**INSULATION RESISTANCE:** 500 MΩ min.  
**DIELECTRIC STRENGTH:** 500 Vrms min. @ sea level.  
**OPERATING TEMPERATURE:** - 30 °C ~ +85 °C

## MATERIALS

**HOUSING AND BASE:** Glass filled nylon 6/6 or 4/6 , flame retardant, heat stabilized (UL94V-0).  
**ACTUATOR:** Glass filled nylon 6/6 , flame retardant, heat stabilized (UL94V-0).  
**STATIONARY CONTACTS:** Copper alloy, with gold plate over nickel plate.  
**TERMINALS:** C2680, with gold plate over nickel plate.  
**SWITCH SUPPORT:** Brass with Tin plate.  
**ROHS:** 2002/95/EC.

## CAUTION

Only for Wave Soldering, donot use in IR-Reflow Soldering.

**NOTE:** Specifications and materials listed above are for switches with standard options.  
 For information on specific and custom switches, consult Customer Service Center.

|             | POS.1   | POS.2   |
|-------------|---------|---------|
| Model No.   |         |         |
| 4UD1        | ON      | ON      |
| Term. Comm. | 2-3,5-6 | 2-1,5-4 |
| SCHEMATIC   |         |         |

## SWITCH FUNCTION

S4UD1R2□□M7RNS

HOUSING COLOR

|   |           |
|---|-----------|
| 0 | Red(Std.) |
| 2 | Black     |

CAP COLOR

|   |              |
|---|--------------|
| 1 | White        |
| 2 | Black (Std.) |
| 3 | Red          |
| 4 | Orange       |
| 5 | Yellow       |
| 6 | Green        |
| 7 | Blue         |
| 8 | Brown        |
| 9 | Gray         |

|   | 符號 | 原尺寸 | 修改後尺寸 | 變更日期 | SCALE (比例): 4 : 1                                                                                |
|---|----|-----|-------|------|--------------------------------------------------------------------------------------------------|
| 1 | Ⓐ  |     |       |      | TOLERANCE (公差):<br>0.00 mm ± 0.25mm<br>0.0 mm ± 0.40mm<br>ANGULAR : ± 5°<br>FILE NAME : 4UDP0006 |
| 2 | Ⓑ  |     |       |      |                                                                                                  |
| 3 | Ⓒ  |     |       |      |                                                                                                  |
| 4 | Ⓓ  |     |       |      |                                                                                                  |
| 5 | Ⓔ  |     |       |      |                                                                                                  |

喜威達企業股份有限公司  
**SWEETA PRODUCTS CORPORATION**

|                  |                               |            |                 |             |            |
|------------------|-------------------------------|------------|-----------------|-------------|------------|
| TITLE<br>圖名      | Sub-Miniature Rocker Switches |            |                 | SIZE<br>圖紙  | A4         |
| DWG NO.<br>圖號    | S4UD1R2□□M7RNS                |            |                 | UNIT<br>單位  | inch<br>mm |
| REV.<br>版本       | A                             | DATE<br>日期 | APR - 18 - 2008 | SHEET<br>張數 | 1 of 1     |
| CHECKED BY<br>審核 | RICHARD                       |            | DRAWN BY<br>製圖  | JASON       |            |