

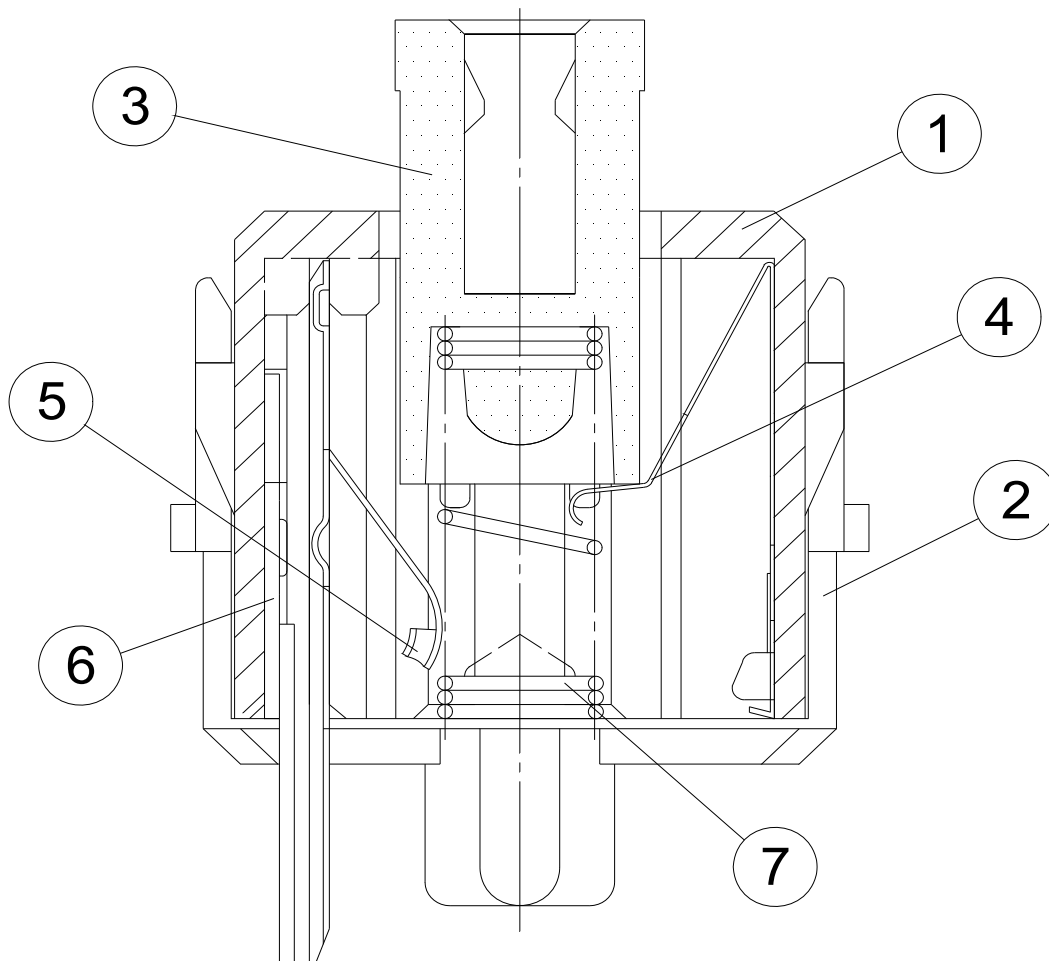
**喜威達企業股份有限公司**  
**SWEETA PRODUCTS CORPORATION**  
**STANDARD SPECIFICATION**

**SKSBF Type**

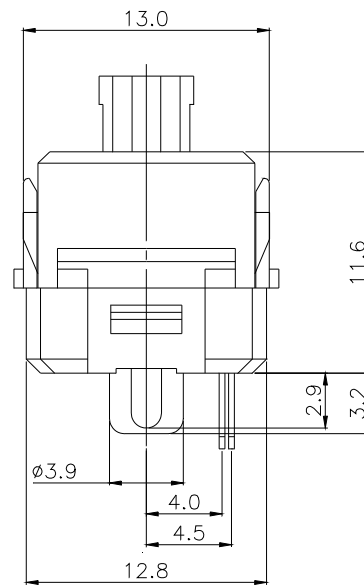
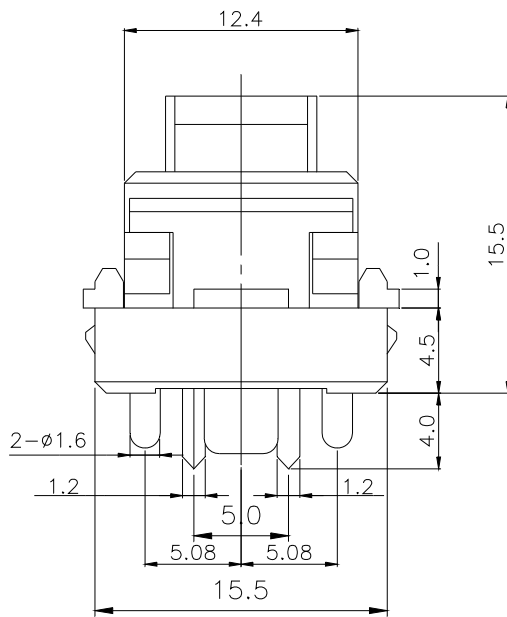
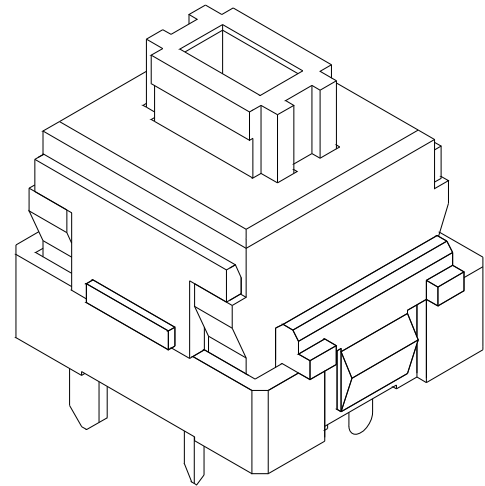
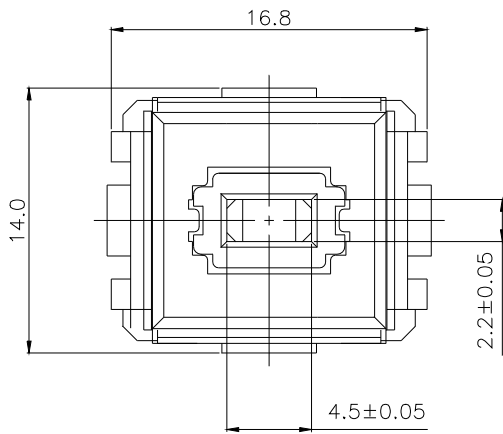
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|                                         |  |                                      |  |          |  |
|-----------------------------------------|--|--------------------------------------|--|----------|--|
| A. General:                             |  |                                      |  |          |  |
| 1.Scope                                 |  | Keyboard Switch      KSBF Series     |  |          |  |
| 2. Operating temperature                |  | — 25℃ ~ + 60℃                        |  |          |  |
| 3.Storage temperature                   |  | — 30℃ ~ + 70℃                        |  |          |  |
| 4. Ambient humidity                     |  | 85%RH Max.                           |  |          |  |
| B. Contact arrangement                  |  | S.P.S.T                              |  |          |  |
| C. Rating                               |  | 10mA 12VDC                           |  |          |  |
| D. Performance:                         |  |                                      |  |          |  |
| 1.Electrical:                           |  |                                      |  |          |  |
| a.Contact resistance                    |  | 1Ω Max(Initial)                      |  |          |  |
| b.Insulation resistance                 |  | 500MΩ Min (Between adjacent contact) |  |          |  |
| c.Dielectric withstanding voltage       |  | 100VAC50/60Hz for 1 minute.          |  |          |  |
| d.Bounce                                |  | 5m sec.Max                           |  |          |  |
| 2.Mechanical:                           |  |                                      |  |          |  |
| a.Operating force                       |  | 60±15gf                              |  |          |  |
| b. Operating Travel                     |  | 1.5±0.5 mm                           |  |          |  |
| c. Total Travel                         |  | 3.5±0.5 mm                           |  |          |  |
| d.Operating speed                       |  | 0.1mm~1 m/s                          |  |          |  |
| e.Operating frequency                   |  | Less than 120 Operations/Minute      |  |          |  |
| f.Type of Actuation                     |  | Momentary                            |  |          |  |
| E. Endurance:                           |  |                                      |  |          |  |
| 1.Operating life                        |  | 10,000,000 Cycles Min                |  |          |  |
| 2.Vibration restance:                   |  | 10HZ~55HZ~10HZ 0.5mm                 |  |          |  |
| Malfunction durability                  |  | Double amplitude during 2 hours      |  |          |  |
| 3.Impact shock resistance               |  | Mechanical approx . 80G              |  |          |  |
| 4.Soldering and cleaning process:       |  | Fluxing with organic flux            |  |          |  |
| a.Preheating                            |  | 100℃ Max                             |  |          |  |
| b.Preheat Time                          |  | 45 Sec.Max                           |  |          |  |
| c.Soldering Temperature                 |  | 255℃ Max.                            |  |          |  |
| d.Duration Of Solder Immersion          |  | 5 Sec Max.                           |  |          |  |
| e.Allowable Frequency Soldering Process |  | 2Time Max.                           |  |          |  |
| F. Weight :                             |  | About 1.8g                           |  |          |  |
| APPROVE                                 |  | CHECK                                |  | PRODUCER |  |

# SKSBF-C Type



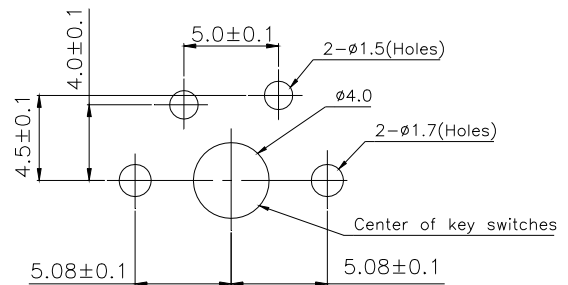
| NO. | TITLE         | MATERIAL     |
|-----|---------------|--------------|
| 1   | Housing       | ABS          |
| 2   | Cover         | POM          |
| 3   | Stem          | POM          |
| 4   | Click Blade   | PBS          |
| 5   | Movable Blade | PBS          |
| 6   | Terminal      | Brass Copper |
| 7   | Spring        | SUS          |



Circuit Diagram



P.C.B Mounting  
Hole Dimensions



**\* Notes:**

1.General dimension tolerance:  $\pm 0.3$ .

| Model   | Description | Operating Life | Stem Color |
|---------|-------------|----------------|------------|
| SKSBF-C | Click type  | 10,000,000     | Ivory      |