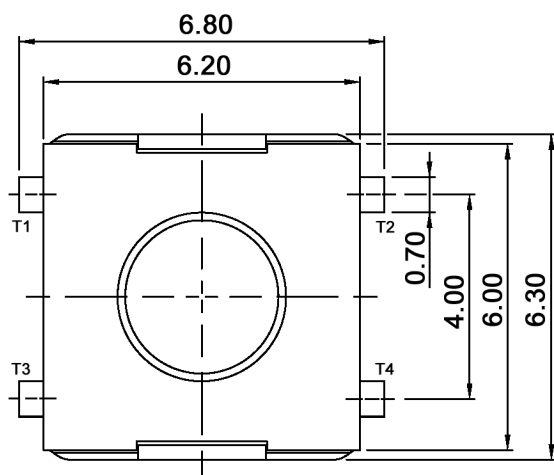
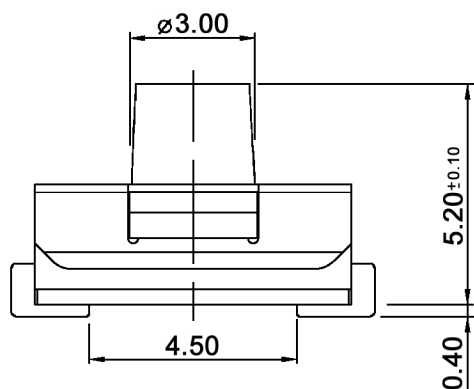
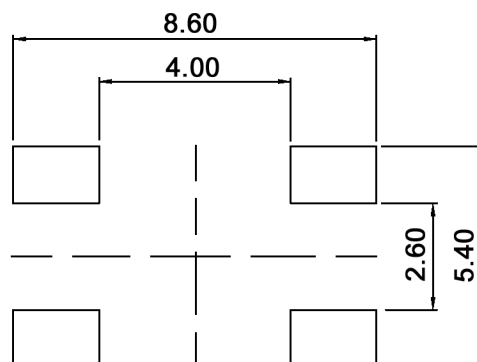
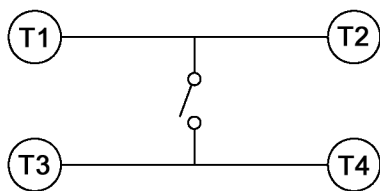




P.C.B. LAYOUT



CIRCUIT DIAGRAM

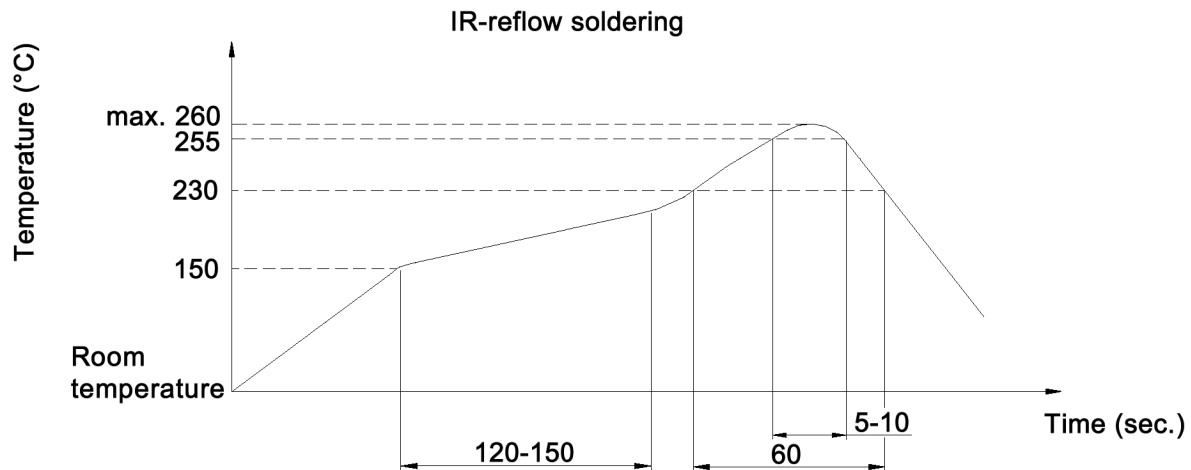


|                |       |      |                |      |             |      |
|----------------|-------|------|----------------|------|-------------|------|
| Tolerances:    |       |      | Date           | Name | TSSE 67 x-J |      |
|                |       |      | 05/06          | dr   |             |      |
|                |       |      |                |      | 30 08 70    |      |
|                |       |      |                |      |             |      |
|                |       |      |                |      |             |      |
|                |       |      |                |      |             |      |
| Revised        | 03/13 | dr   | knitter-switch |      |             | Page |
| Specifications | 01/09 | dr   |                |      |             | 1/2  |
| Modifications  | Date  | Name |                |      |             |      |

# Specifications:

Contact rating: 50mA, 12V DC  
 Contact resistance: 100mOhm max.  
 Insulation resistance: 100MOhm min. at 500V DC  
 Dielectric strength: 250V, 50Hz for the duration of 1 minute  
 Operating temperature: -40°C to +85°C  
 Electrical life: min. 500 000 cycles  
 Operating force: N: 180 +/-50gf, color of actuator: brown  
                           R: 260 +/-70gf, color of actuator: red  
                           T: 360 +/-90gf, color of actuator: transparent  
 Mounting: on pc-board - SMD  
 Travel: N, R: 0.45mm +/-0.2mm  
           T: 0.60mm +/-0.2mm  
 Packaging unit: 900 pcs. / reel  
 Sealing: IP 67  
 Material: Contacts: phosphor bronze, silver plated  
           Terminals: brass, silver plated  
           Cover: stainless steel  
           Base: high-temp. thermoplastic nylon meets UL94V-0,  
                   washable  
           Stem: silicone rubber

## Soldering conditions:



|               |  |  |                |      |                    |
|---------------|--|--|----------------|------|--------------------|
| Tolerances:   |  |  | Date           | Name | <b>TSSE 67 x-J</b> |
|               |  |  | 05/06          | dr   |                    |
|               |  |  |                |      |                    |
|               |  |  |                |      |                    |
|               |  |  |                |      |                    |
|               |  |  |                |      |                    |
|               |  |  | knitter-switch |      | 30 08 70           |
|               |  |  |                |      |                    |
| Modifications |  |  | Date           | Name | Page<br>2/2        |