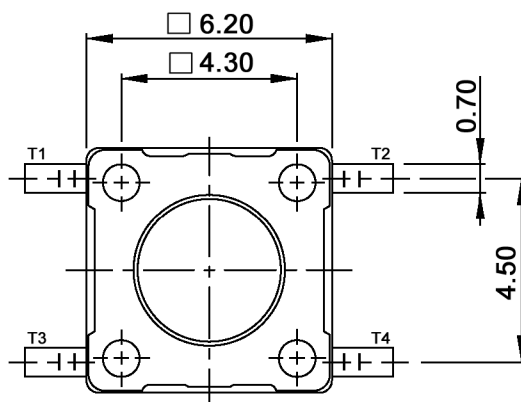
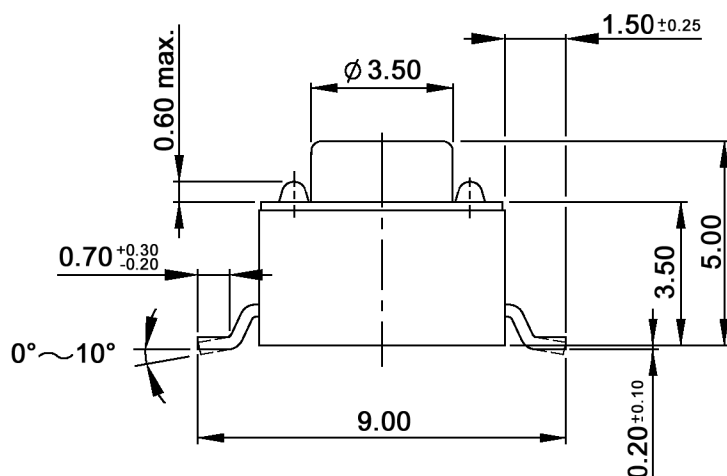
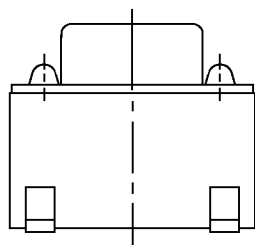
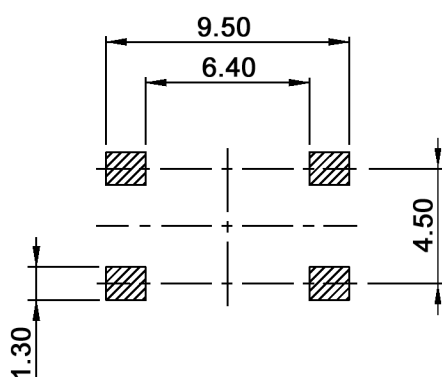
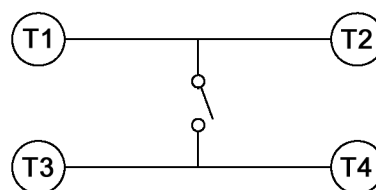




P.C.B. LAYOUT



CIRCUIT DIAGRAM

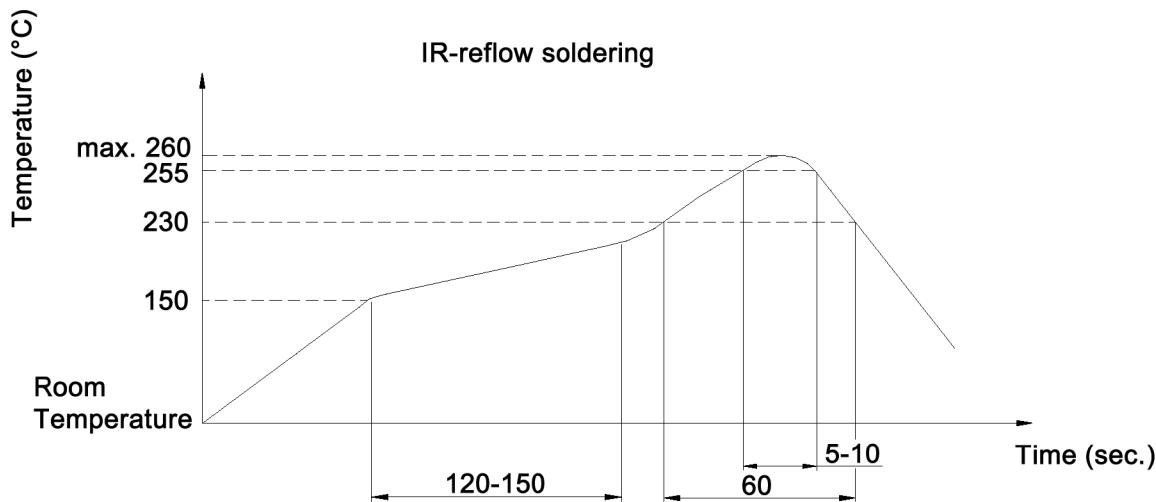


|                                     |      |      |                |      |          |      |
|-------------------------------------|------|------|----------------|------|----------|------|
| Tolerances: $\pm 0.2\text{mm max.}$ |      |      | Date           | Name | TSS 62 x |      |
|                                     |      |      | 07/10          | dr   |          |      |
|                                     |      |      |                |      | 30 21 32 |      |
|                                     |      |      |                |      |          |      |
|                                     |      |      |                |      |          |      |
|                                     |      |      |                |      |          |      |
|                                     |      |      |                |      |          |      |
|                                     |      |      | knitter-switch |      |          | Page |
|                                     |      |      |                |      |          | 1/2  |
| Modifications                       | Date | Name |                |      |          |      |

Specifications:

Contact rating: 50mA, 12V DC  
Contact resistance: 100mOhm max.  
Insulation resistance: 100MOhm min. at 500V DC for 1 minute  
Dielectric strength: 250V AC (50/60Hz) for 1 minute  
Operating temperature: -40°C to +85°C  
Storage temperature: -40°C to +85°C  
Material: Cover: stainless steel  
Stem / base: high-temp. thermoplastic nylon UL94V-0  
Contact: phosphor bronze, silver plated  
Terminal: brass, silver plated

Soldering conditions:



| x | Knob colour | Operating force | Electrical life |
|---|-------------|-----------------|-----------------|
| K | black       | 100 +/-50gf     | 200 000 cycles  |
| N | brown       | 160 +/-50gf     | 200 000 cycles  |
| R | red         | 260 +/-50gf     | 100 000 cycles  |
| S | salmon      | 320 +/-80gf     | 50 000 cycles   |
| Y | yellow      | 520 +/-130gf    | 50 000 cycles   |



|                         |      |      |                |      |          |      |
|-------------------------|------|------|----------------|------|----------|------|
| Tolerances: ±0.2mm max. |      |      | Date           | Name | TSS 62 x |      |
|                         |      |      | 07/10          | dr   |          |      |
|                         |      |      |                |      |          |      |
|                         |      |      |                |      |          |      |
|                         |      |      |                |      |          |      |
|                         |      |      | knitter-switch |      | 30 21 32 | Page |
|                         |      |      |                |      |          | 2/2  |
| Modifications           | Date | Name |                |      |          |      |