

Feature -

- Led illuminated
- Two color available
- Good tactile feeling
- Long life
- Many cap options

Applications -

- Communication equipments
- Instrumentation
- Audio/Video products



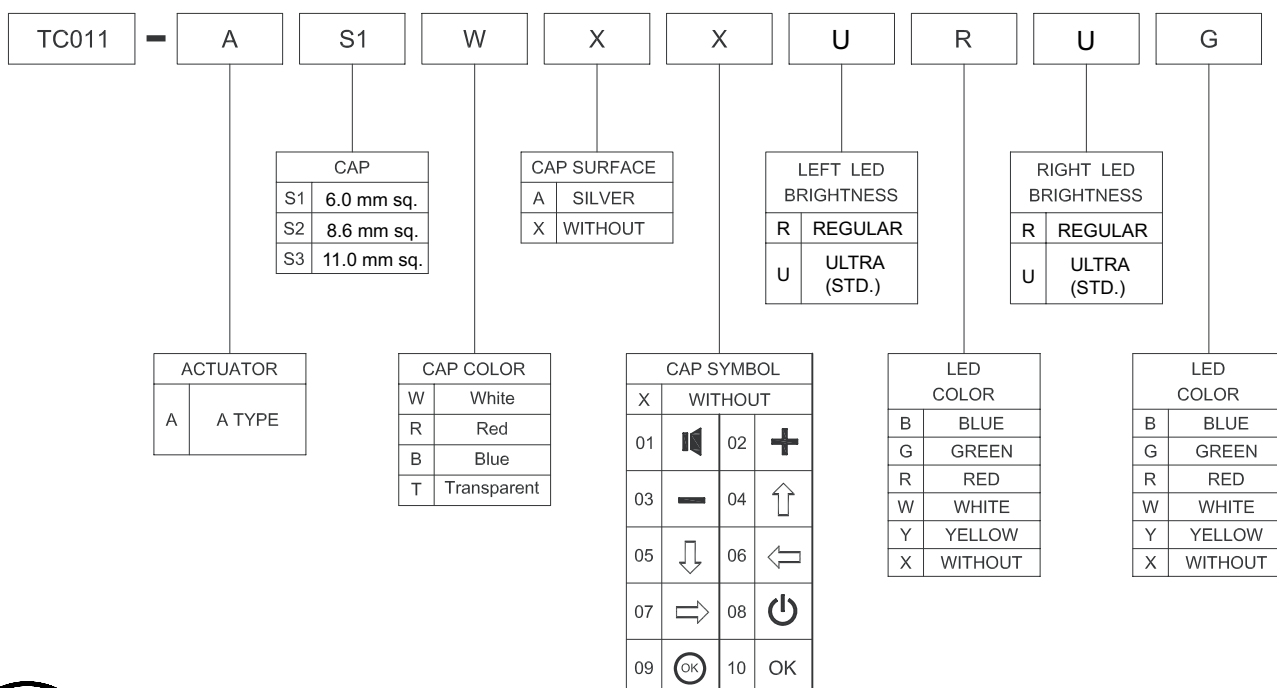
► SPECIFICATIONS

| SWITCH SPECIFICATIONS       |   |
|-----------------------------|---|
| POLE - POSITION             | Momentary Type , SPST with LED                                |
| CONTACT RATING              | 1mA, 20VDC  |
| CONTACT RESISTANCE          | 200 mΩ max . 1.5 V DC ; 100 mA ,<br>by Method of Voltage DROP |
| INSULATION RESISTANCE       | 100 MΩ min . 100 V DC for 1 minute                            |
| DIELECTRIC STRENGTH         | Breakdown is not Allowable ;<br>250 V AC for 1 Minute         |
| OPERATING FORCE             | 125 gf +/- 35 gf  |
| OPERATING LIFE              | 300,000 cycles  |
| OPERATING TEMPERATURE RANGE | -20°C ~ 70°C  |
| TOTAL TRAVEL                | 1.3 +/- 0.3mm   |

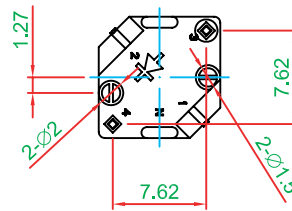
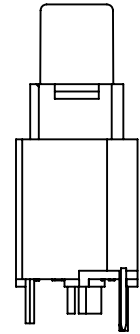
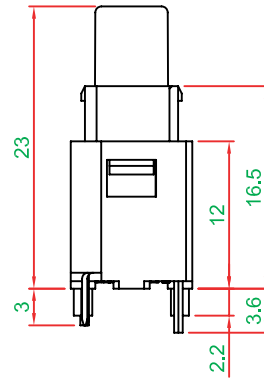
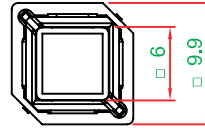
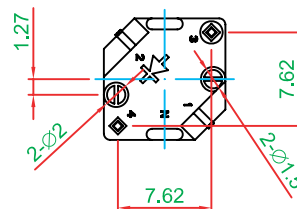
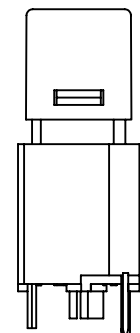
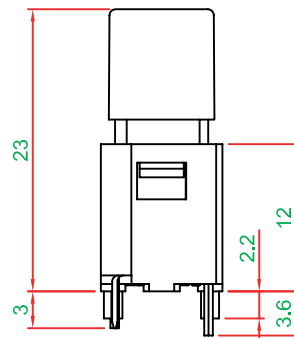
| LED SPECIFICATIONS                                    |        |      |                   |         |         |         |  |
|---|--------|------|-------------------|---------|---------|---------|--|
| ATTENTION<br>LEDs are Electrostatic Sensitive devices | Symbol | Unit | Value / LED Color |         |         |         |  |
|   |        |      | Blue              | Green   | Red     | Yellow  |  |
| FORWARD CURRENT                                       | If     | mA   | 30                | 30      | 15      | 20      |  |
| REVERSE VOLTAGE                                       | Vr     | V    | 5.0               | 5.0     | 5.0     | 5.0     |  |
| REVERSE CURRENT                                       | Ir     | μA   | 10                | 10      | 10      | 10      |  |
| FORWARD VOLTAGE@20mA                                  | Vf     | V    | 3.5-3.8           | 1.7-2.6 | 1.7-2.6 | 1.7-2.6 |  |
| LUMINOUS INTENSITY@20mA                               | Iv     | mcd  | 45                | 6       | 4       | 5       |  |

■ Physical and electrical information of LED will be provided upon customer's request on switches .

► HOW TO ORDER

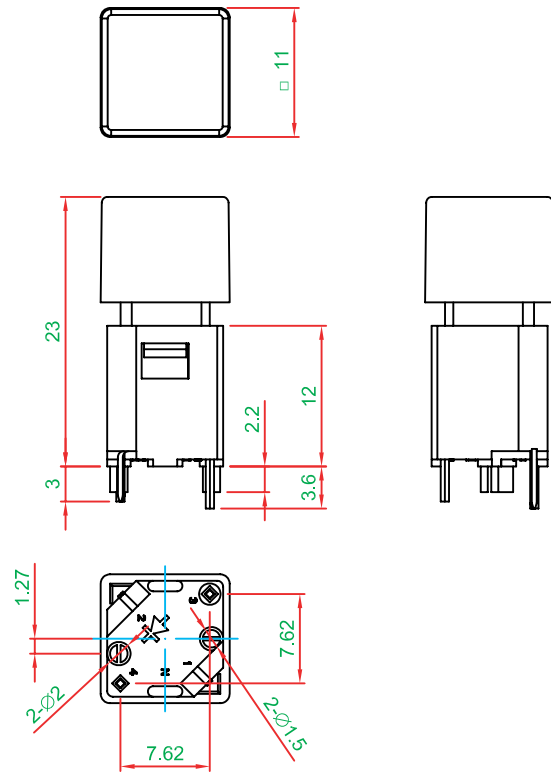


**► DIMENSION**

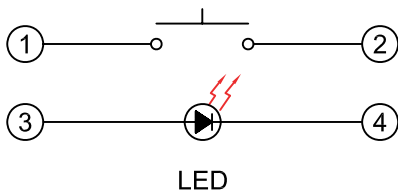
 TC011 - A S1 W X X    

 TC011 - A S2 W X X    


► DIMENSION

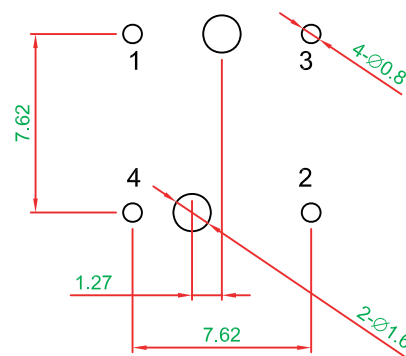
TC011 - A S3 W X X □ □ □ □



► CIRCUIT



► P.C.B LAYOUT



► MATERIAL

- CAP - PC
- ACTUATOR - POM
- BASE FRAME - PA + GF
- TERMINAL - BRASS SILVER PLATING

► UNIT WEIGHT

- TC011 - A S1 W X X □ □ □ □ : 1.62 ± 0.05 g / pcs
- TC011 - A S2 W X X □ □ □ □ : 1.76 ± 0.05 g / pcs
- TC011 - A S3 W X X □ □ □ □ : 2.16 ± 0.05 g / pcs