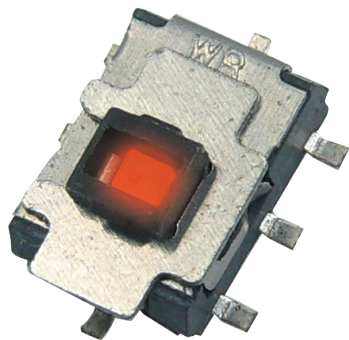



**Feature -**

compact size  
reflow soldering available  
LED illuminated

**Application -**

consumer products  
computer products  
instrumentation  
communication equipments  
hand-held devices

## SPECIFICATIONS

| SWITCH SPECIFICATIONS       |                                                             |
|-----------------------------|-------------------------------------------------------------|
| POLE - POSITION             | 2P2T , SMT TYPE                                             |
| CONTACT RATING              | 6 V DC , 0.3 A                                              |
| CONTACT RESISTANCE          | 50 mΩ MAX. 1.5 V DC ; 100 mA ,<br>by Method of Voltage DROP |
| INSULATION RESISTANCE       | 100 MΩ MIN. 500 V DC                                        |
| DIELECTRIC STRENGTH         | Breakdown is not Allowable ;<br>500 V AC for 1 Minute       |
| OPERATING FORCE             | 200 ± 150gf                                                 |
| OPERATING LIFE              | 10,000 cycles                                               |
| OPERATING TEMPERATURE RANGE | -20°C ~ 70°C                                                |
| TOTAL TRAVEL                | 2.0 ± 0.2 mm                                                |

| LED SPECIFICATIONS                                                                                                                                            |    |      |                   |              |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|-------------------|--------------|-----------|
|  <b>ATTENTION</b> (+)○—(+)○—(-)○<br>LEDs are Electrostatic Sensitive devices |    | Unit | Value / LED Color |              |           |
|                                                                                                                                                               |    |      | Ultra Green       | Ultra Yellow | Ultra Red |
| FORWARD CURRENT                                                                                                                                               | If | mA   | 20                | 20           | 20        |
| REVERSE VOLTAGE                                                                                                                                               | Vr | V    | 5.0               | 5.0          | 5.0       |
| REVERSE CURRENT                                                                                                                                               | Ir | μA   | 10                | 10           | 10        |
| FORWARD VOLTAGE@20mA                                                                                                                                          | Vf | V    | 2.1-2.5           | 2.0-2.5      | 2.0-2.5   |
| LUMINOUS INTENSITY@20mA                                                                                                                                       | Iv | mcd  | 60                | 120          | 150       |

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

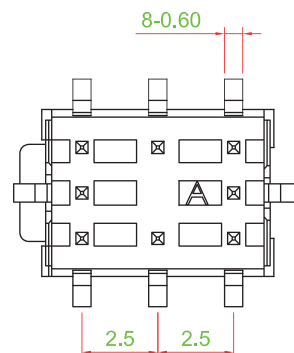
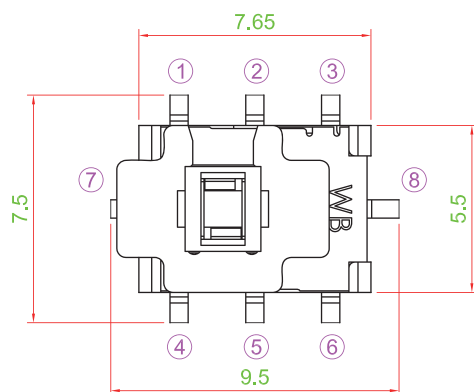
## HOW TO ORDER

|        |   |               |                      |          |                          |                   |                      |                      |                       |           |         |                      |                 |
|--------|---|---------------|----------------------|----------|--------------------------|-------------------|----------------------|----------------------|-----------------------|-----------|---------|----------------------|-----------------|
| SS001L | - | S             | 2                    | 2        | N                        | A                 | P                    | A                    | U                     | B         | X       | X                    |                 |
|        |   | TERMINAL TYPE |                      | POSITION |                          | FRAME TYPE        |                      | ACTUATOR             |                       | LED COLOR |         | LED COLOR            |                 |
|        |   | S             | SMT TYPE<br>( std. ) | 2        | 2 POSITION<br>( std. )   | A                 | A TYPE<br>( std. )   | A                    | A TYPE<br>( L ) = 1.2 | B         | BLUE    | B                    | BLUE            |
|        |   |               |                      |          |                          |                   |                      |                      |                       | G         | GREEN   | G                    | GREEN           |
|        |   |               |                      |          |                          |                   |                      |                      |                       | R         | RED     | R                    | RED             |
|        |   |               |                      |          |                          |                   |                      |                      |                       | W         | WHITE   | W                    | WHITE           |
|        |   |               |                      |          |                          |                   |                      |                      |                       | Y         | YELLOW  | Y                    | YELLOW          |
|        |   |               |                      |          |                          |                   |                      |                      |                       | X         | WITHOUT | X                    | WITHOUT         |
|        |   |               |                      |          |                          |                   |                      |                      |                       |           |         |                      |                 |
|        |   | POLE          |                      | TIMING   |                          | ACTUATOR MATERIAL |                      | CHIP1 LED BRIGHTNESS |                       |           |         | CHIP2 LED BRIGHTNESS |                 |
|        |   | 2             | 2 POLE<br>( std. )   | N        | NON-SHORTING<br>( std. ) | P                 | P = PA6T<br>( std. ) | U                    | ULTRA<br>(std.)       |           |         | U                    | ULTRA<br>(std.) |
|        |   |               |                      |          |                          |                   |                      | X                    | WITHOUT               |           |         | X                    | WITHOUT         |

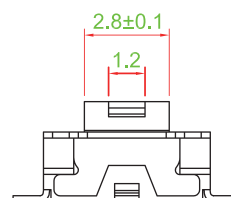
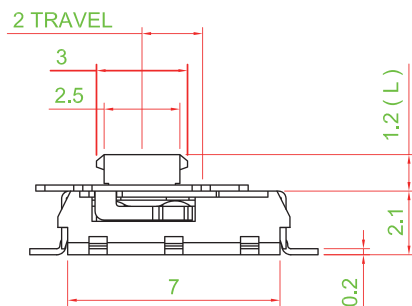


► DIMENSION

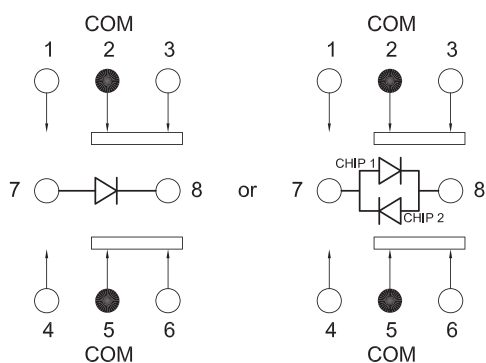
SS001L-S22NAPA □□



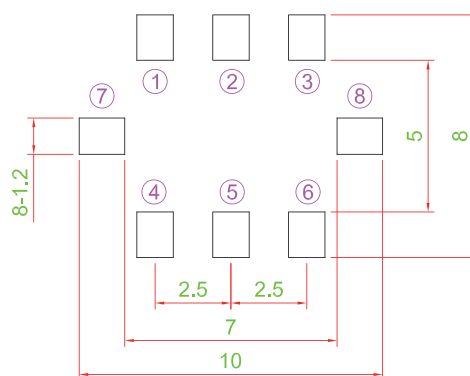
\*BOTTOM VIEW\*



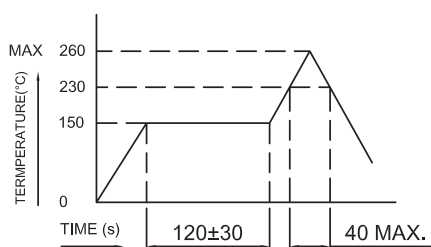
► CIRCUIT



► P.C.B. LAYOUT



► REFLOW SOLDERING



► MATERIAL

- COVER : STAINLESS STEEL
- ACTUATOR : PA + GF
- BASE FRAME : PA + GF
- TERMINAL : SILVER PLATING