

# T SERIES

## PUSH BUTTON SWITCH



### Feature -

multiple keys and poles  
interlock and individual lock

### Application -

various switching purpose  
in all home electronic equipments  
and industrial electronic equipments

## ► SPECIFICATIONS

| SWITCH SPECIFICATIONS       |                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------|
| POLE - POSITION             | 2P2T , 4P2T , 6P2T , 8P2T , 10P2T , 16P2T<br>Momentary and Lock Type are Available |
| CONTACT RATING              | 25 V DC , 1 A ;<br>125 V AC , 0.2 A                                                |
| CONTACT RESISTANCE          | 40 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             | 2P2T , 4P2T , 6P2T : 350 ± 150gf<br>8P2T , 10P2T , 16P2T : 600 ± 150gf             |
| OPERATING LIFE              | 10,000 cycles                                                                      |
| OPERATING TEMPERATURE RANGE | -20°C ~ 70°C                                                                       |
| OPERATING TRAVEL            | 2.0 ± 0.3 mm                                                                       |

## ► HOW TO ORDER

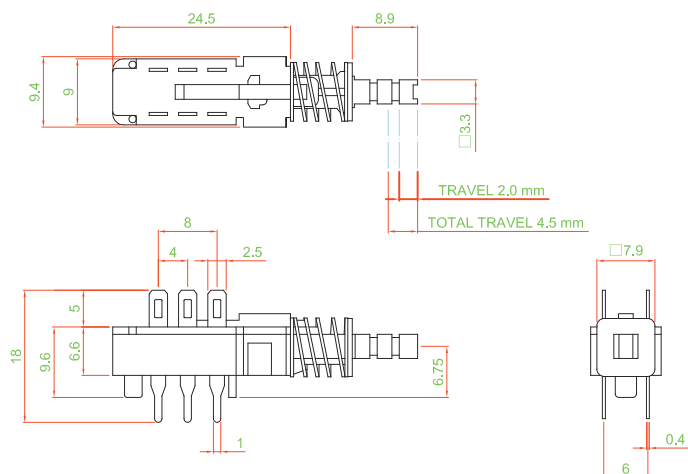
| T            | -                                      | S                                                                                                                                                                                                        | 2                                                                                                                                                                                                                                                                 | A    | N | N        | 4      |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
|--------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|----------|--------|----------|--------|------------|--------|---------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|---|-----------|----|-----------------|----|--------------|---|--------|---|--------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|---|----------------------------------------|---|----------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|--------|--------|--------|---------------|
|              |                                        | <table><tr><th colspan="2">FRAME TYPE</th></tr><tr><td>S</td><td>NO FRAME</td></tr><tr><td>H</td><td>2 - Ø3.2</td></tr><tr><td>M</td><td>2 - M3x0.5</td></tr><tr><td>C</td><td>TWO CUT</td></tr></table> | FRAME TYPE                                                                                                                                                                                                                                                        |      | S | NO FRAME | H      | 2 - Ø3.2 | M      | 2 - M3x0.5 | C      | TWO CUT |        | <table><tr><th colspan="2">TERMINAL</th></tr><tr><td>A</td><td>A TYPE</td></tr><tr><td>B</td><td>B TYPE</td></tr><tr><td>D</td><td>D TYPE</td></tr><tr><td>DF</td><td>DF TYPE</td></tr><tr><td>E</td><td>E TYPE</td></tr><tr><td>F</td><td>F TYPE</td></tr><tr><td>G</td><td>G TYPE</td></tr></table> | TERMINAL |    | A       | A TYPE                                                                                                                                                                          | B         | B TYPE | D | D TYPE    | DF | DF TYPE         | E  | E TYPE       | F | F TYPE | G | G TYPE |  | <table><tr><th colspan="2">TIMING</th></tr><tr><td>S</td><td>SHORTING<br/>( TERMINAL TYPE : F , DF )</td></tr><tr><td>N</td><td>NON - SHORTING<br/>( std. )</td></tr></table> | TIMING |  | S | SHORTING<br>( TERMINAL TYPE : F , DF ) | N | NON - SHORTING<br>( std. ) |  | <table><tr><th colspan="2">TOTAL TRAVEL</th></tr><tr><td>2 TYPE</td><td>4.0 mm</td></tr><tr><td>4 TYPE</td><td>4.5 mm (std.)</td></tr></table> | TOTAL TRAVEL |  | 2 TYPE | 4.0 mm | 4 TYPE | 4.5 mm (std.) |
| FRAME TYPE   |                                        |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| S            | NO FRAME                               |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| H            | 2 - Ø3.2                               |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| M            | 2 - M3x0.5                             |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| C            | TWO CUT                                |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| TERMINAL     |                                        |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| A            | A TYPE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| B            | B TYPE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| D            | D TYPE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| DF           | DF TYPE                                |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| E            | E TYPE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| F            | F TYPE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| G            | G TYPE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| TIMING       |                                        |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| S            | SHORTING<br>( TERMINAL TYPE : F , DF ) |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| N            | NON - SHORTING<br>( std. )             |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| TOTAL TRAVEL |                                        |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| 2 TYPE       | 4.0 mm                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| 4 TYPE       | 4.5 mm (std.)                          |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
|              |                                        |                                                                                                                                                                                                          | <table><tr><th colspan="2">POLE</th></tr><tr><td>2</td><td>2 POLE</td></tr><tr><td>4</td><td>4 POLE</td></tr><tr><td>6</td><td>6 POLE</td></tr><tr><td>8</td><td>8 POLE</td></tr><tr><td>10</td><td>10 POLE</td></tr><tr><td>16</td><td>16 POLE</td></tr></table> | POLE |   | 2        | 2 POLE | 4        | 4 POLE | 6          | 6 POLE | 8       | 8 POLE | 10                                                                                                                                                                                                                                                                                                    | 10 POLE  | 16 | 16 POLE | <table><tr><th colspan="2">OPERATION</th></tr><tr><td>L</td><td>LOCK TYPE</td></tr><tr><td>N</td><td>NON - LOCK TYPE</td></tr><tr><td>IL</td><td>INTER - LOCK</td></tr></table> | OPERATION |        | L | LOCK TYPE | N  | NON - LOCK TYPE | IL | INTER - LOCK |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| POLE         |                                        |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| 2            | 2 POLE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| 4            | 4 POLE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| 6            | 6 POLE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| 8            | 8 POLE                                 |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| 10           | 10 POLE                                |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| 16           | 16 POLE                                |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| OPERATION    |                                        |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| L            | LOCK TYPE                              |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| N            | NON - LOCK TYPE                        |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |
| IL           | INTER - LOCK                           |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |      |   |          |        |          |        |            |        |         |        |                                                                                                                                                                                                                                                                                                       |          |    |         |                                                                                                                                                                                 |           |        |   |           |    |                 |    |              |   |        |   |        |  |                                                                                                                                                                               |        |  |   |                                        |   |                            |  |                                                                                                                                                |              |  |        |        |        |               |



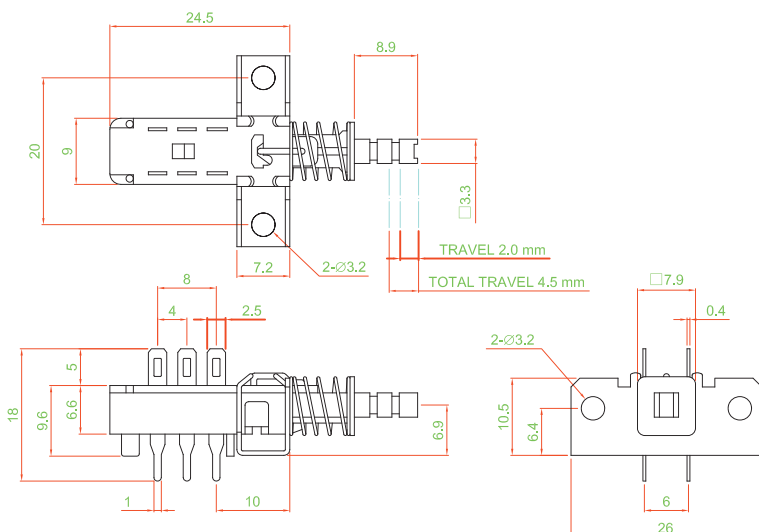
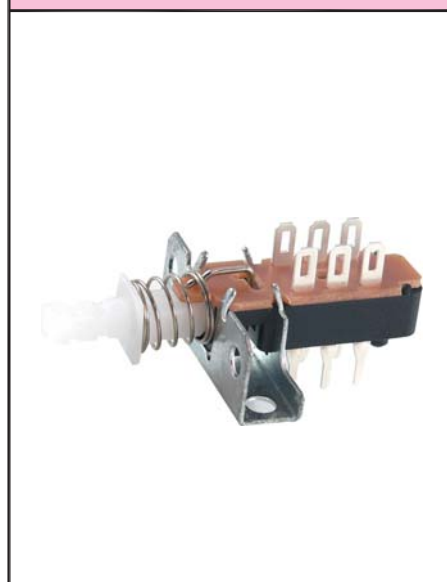


## ► DIMENSION

T - S2ANN4

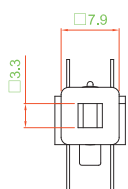


T - H2ALN4

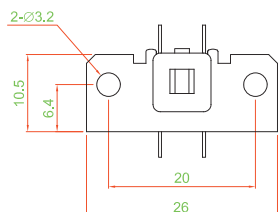


## ► FRAME TYPE

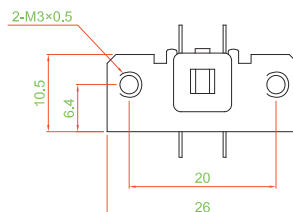
S TYPE



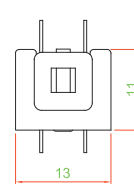
H TYPE



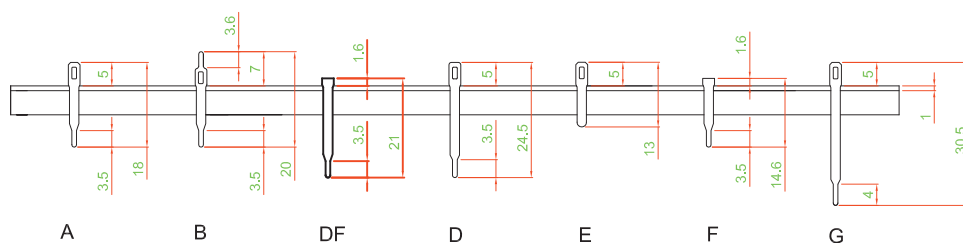
M TYPE



C TYPE



## ► TERMINAL TYPE

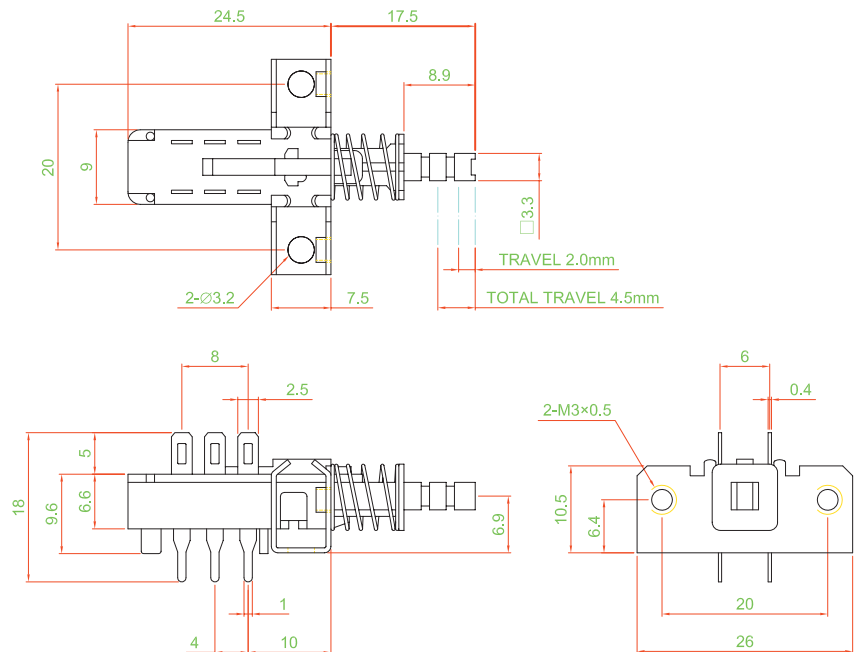
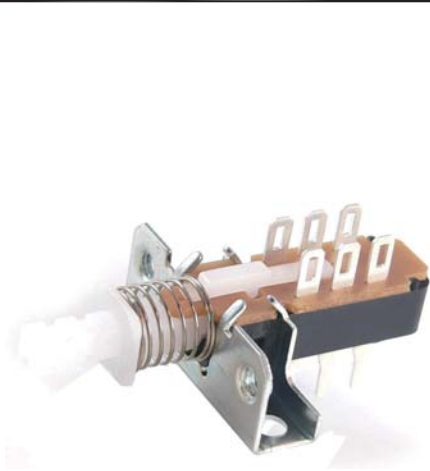


# T SERIES

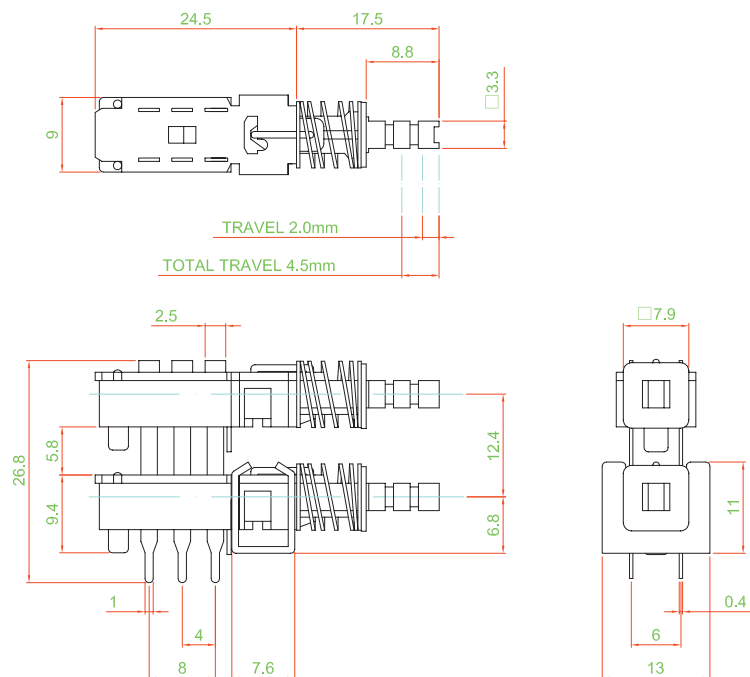
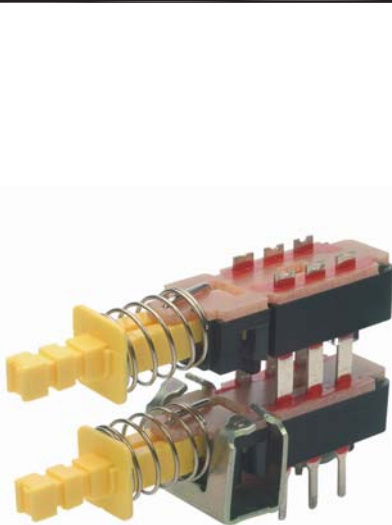
PUSH BUTTON SWITCH

## ► DIMENSION

### T - M2ANN4



### T - C2GNN2x2



## ► MATERIAL

- ACTUATOR : POM
- TERMINAL : BRASS SILVER PLATING
- BASE FRAME : POM
- SPRING : STAINLESS STEEL

## ► UNIT WEIGHT

- T - S2ANN4 : 2.6 ± 0.05 g / pc
- T - H2ALN4 : 4.8 ± 0.05 g / pc
- T - M2ANN4 : 4.7 ± 0.05 g / pc
- T - C2GNN2x2 : 6.9 ± 0.05 g / pc

## PUSH BUTTON SWITCH

| KEY                | 1                                                                                                                                                                                                                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| OPTION / 選項        |                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| POLE / 回路數         |                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| TERMINAL TYPE / 端子 |                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| OPERATING / 動作     |                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| TIMING N / S       |                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| TRAVEL / 行程        |                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| KNOB               |                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
| PITCH / 間距         | <input type="checkbox"/> 10mm <input type="checkbox"/> 12.5mm <input type="checkbox"/> 15mm <input type="checkbox"/> 17.5mm <input type="checkbox"/> 20mm <input type="checkbox"/> 25mm <input type="checkbox"/> 30mm |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |