

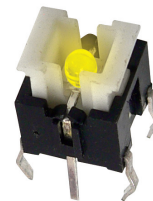


### Feature :

- Small size
- Full color LED illuminated available
- Long electrical life cycles
- SMD and vertical PCB terminal

### Applications :

- Consumer products
- Computer products
- Instrumentation
- Communication equipments

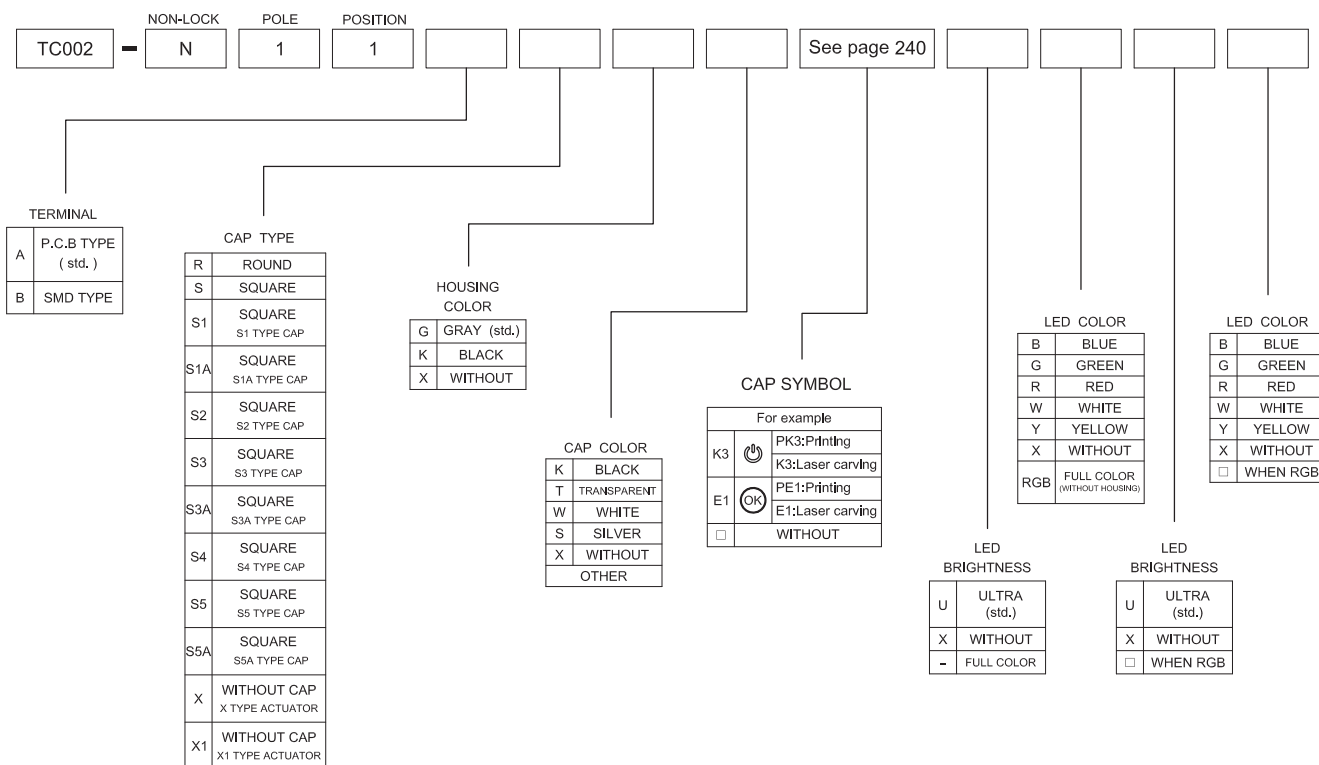


| SWITCH SPECIFICATIONS       |                                                              |
|-----------------------------|--------------------------------------------------------------|
| POLE - POSITION             | 1P1T , with LED                                              |
| CONTACT RATING              | 12 V DC , 50 mA                                              |
| CONTACT RESISTANCE          | 100 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             | 180 ± 50 gf                                                  |
| OPERATING LIFE              | 500,000 cycles                                               |
| OPERATING TEMPERATURE RANGE | -40°C ~ 85°C                                                 |
| TOTAL TRAVEL                | 0.2 ± 0.1 mm                                                 |

| LED SPECIFICATIONS                                               |      | Value / LED Color |               |      |        |        |       |       |
|------------------------------------------------------------------|------|-------------------|---------------|------|--------|--------|-------|-------|
| <br>ATTENTION<br>LEDs are Electrostatic<br>Sensitive devices<br> | Unit |                   |               |      |        |        |       |       |
|                                                                  |      | Blue<br>10mA      | Pure<br>Green | Red  | Yellow | Orange | Green | White |
| LUMINOUS INTENSITY@20mA<br>Iv                                    | mcd  | 200               | 800           | 1800 | 1800   | 1800   | 800   | 1500  |
| Dominant Wavelength<br>λD                                        | nm   | 470               | 525           | 630  | 590    | 601    | 567   | /     |
| FORWARD VOLTAGE@20mA<br>Vf                                       | V    | 3.05              | 3.2           | 1.95 | 2      | 2.1    | 2.1   | 3.2   |

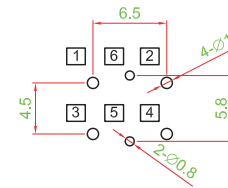
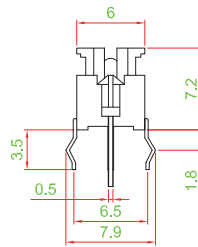
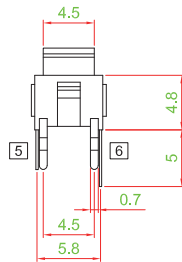
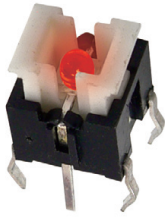
■ A single bin cannot be ordered, please contact us in advance if you need a particular bin sorting before placing your order to clarify the lead time, MOQ and pricing

### HOW TO ORDER

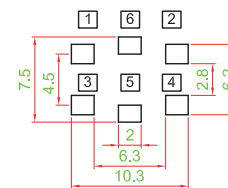
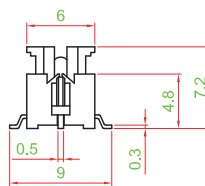
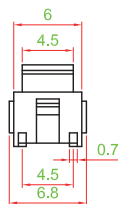


## ► TERMINAL TYPE

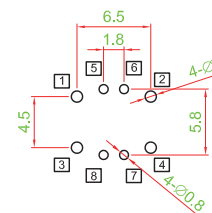
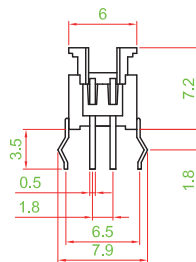
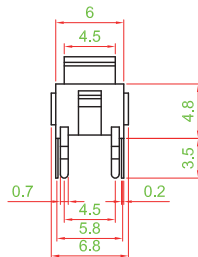
TC002-N11AXXX □□□□



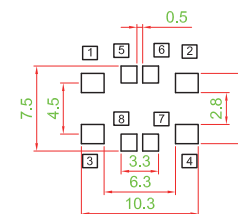
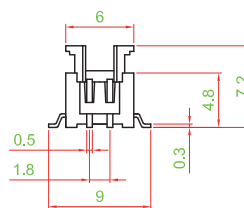
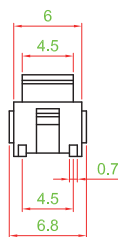
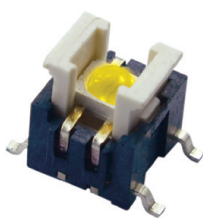
TC002-N11BXXX □□□□



TC002-N11AXXX - R G B

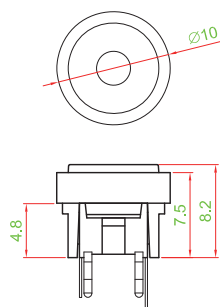


TC002-N11BXXX - R G B

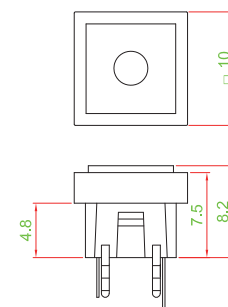


## ► HOUSING TYPE (NOT FOR RGB LED)

R TYPE



S TYPE

TACT  
SWITCHPUSH  
BUTTON  
SWITCHLED TOUCH  
SENSOR  
SWITCH5 DIRECTION  
NAVIGATION  
SWITCH  
WITH LEDMEMBRANE  
SWITCHLED LIGHT  
BARSLIDE  
SWITCHROTARY  
SWITCHROCKER  
SWITCHDETECT  
SWITCH

ENCODER

INTERRUPTER

MINIATURE  
MICRO  
SWITCHTELEPHONE  
HOOK  
SWITCHDOOR  
SWITCHMINI SIZE  
SOCKET

KNOB

CAP  
SYMBOL



TACT  
SWITCH

PUSH  
BUTTON  
SWITCH

LED TOUCH  
SENSOR  
SWITCH

5 DIRECTION  
NAVIGATION  
SWITCH  
WITH LED

MEMBRANE  
SWITCH

LED LIGHT  
BAR

SLIDE  
SWITCH

ROTARY  
SWITCH

ROCKER  
SWITCH

DETECT  
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ENCODER

INTERRUPTER

MINIATURE  
MICRO  
SWITCH

TELEPHONE  
HOOK  
SWITCH

DOOR  
SWITCH

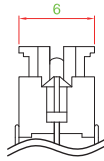
MINI SIZE  
SOCKET

KNOB

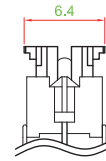
CAP  
SYMBOL

## ▶ ACTUATOR TYPE

X TYPE

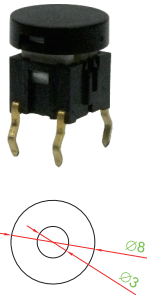


X1 TYPE

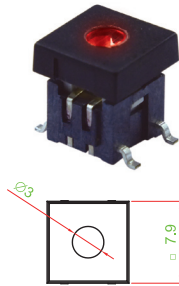


## ▶ CAP TYPE

R TYPE



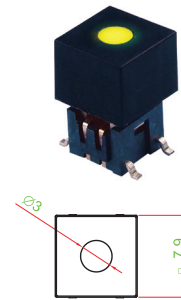
S TYPE



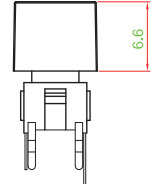
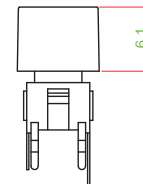
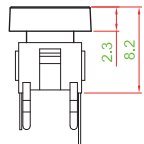
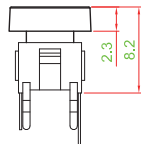
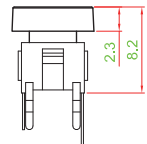
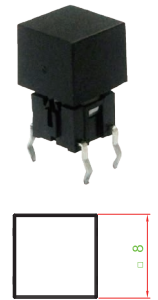
S4 TYPE



S5 TYPE



S5A TYPE



S1 TYPE



S1A TYPE



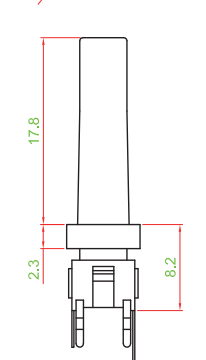
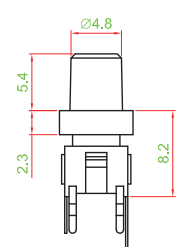
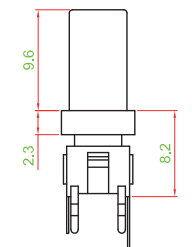
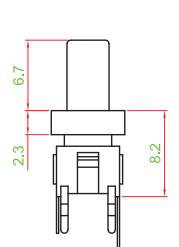
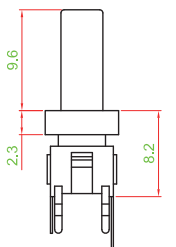
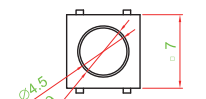
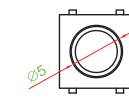
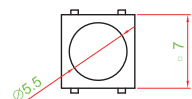
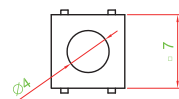
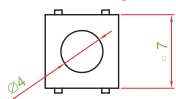
S2 TYPE



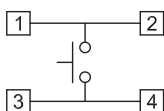
S3A TYPE



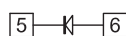
S3 TYPE



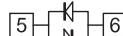
## ▶ CIRCUIT



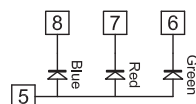
SINGLE COLOR



TWO COLOR



FULL COLOR



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