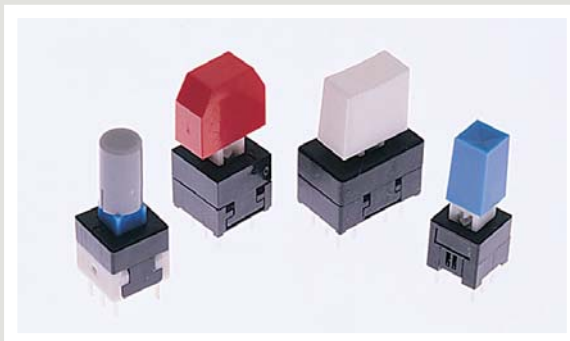




E-SWITCH®

# SERIES TL 2201 SWITCHES

## PUSHBUTTON SWITCHES - SUB MINIATURE



### FEATURES & BENEFITS

- ▶ Momentary & latching designs
- ▶ Long travel

### APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Networking
- ▶ Computers/servers
- ▶ Performance audio
- ▶ Instrumentation
- ▶ Low power on/off designs
- ▶ External hard drives and modems

### SPECIFICATIONS

|                        |                      |
|------------------------|----------------------|
| Contact Rating:        | 100mA@30 VDC         |
| Life Expectancy:       | 10,000 cycles        |
| Contact Resistance:    | 100mΩ max.           |
| Insulation Resistance: | 100MΩ min.           |
| Dielectric Strength:   | 500 VAC              |
| Actuation Force:       | See individual model |
| Travel:                | See individual model |

### MATERIALS

|               |                               |
|---------------|-------------------------------|
| Housing:      | PBT                           |
| Actuator:     | Acetal                        |
| Cover:        | Acetal                        |
| Contacts:     | Silver plated phosphor bronze |
| Terminals:    | Silver plated copper alloy    |
| Spring:       | Stainless steel               |
| Latching Pin: | Stainless steel               |



### HOW TO ORDER

| SERIES<br>TL | MODEL NO.                  | MECHANICAL CONFIGURATION        | ACTUATOR<br>("L" Dimension) | TERMINATION   | CAP<br>(Where Avail.) | CAP COLOR |
|--------------|----------------------------|---------------------------------|-----------------------------|---------------|-----------------------|-----------|
| TL           | 2230<br>2285               | EE = Latching<br>OA = Momentary | (None) = Std.               | (None) = Std. | See Cap Section       |           |
| TL           | 2201 = DPDT<br>4201 = 4PDT | EE = Latching<br>OA = Momentary | X<br>Y<br>Z                 | A<br>B        | See Cap Section       |           |
|              | 2202*<br>2203              | EE = Latching<br>OA = Momentary |                             |               |                       |           |



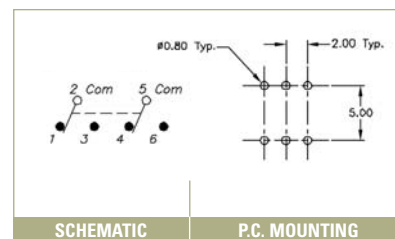
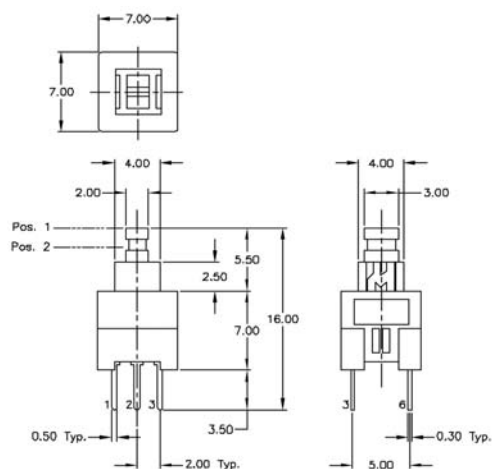
### Example Ordering Number

TL-2201-EE-Y-B-.09-BLK

\*Note: TL 2202 is an MBB (shorting) version.

Specifications subject to change without notice.

### TL 2230

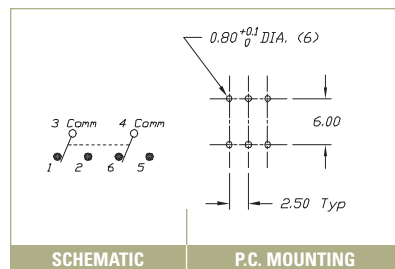
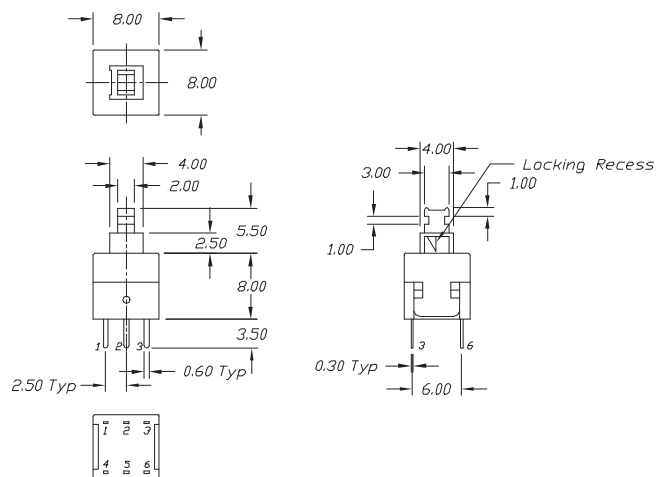
TACT  
SWITCHESNAVIGATION  
SWITCHESPUSHBUTTON  
SWITCHESTOGGLE  
SWITCHESROCKER  
SWITCHESSLIDE  
SWITCHESSNAP-ACTION  
SWITCHESDIP  
SWITCHESKEYLOCK  
SWITCHESROTARY  
SWITCHESDETECTOR  
SWITCHESCAP  
OPTIONS

TACT  
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OPTIONS

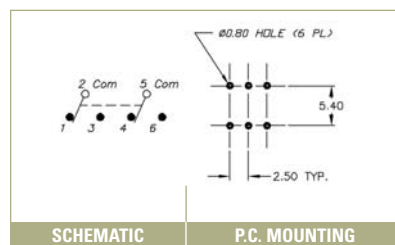
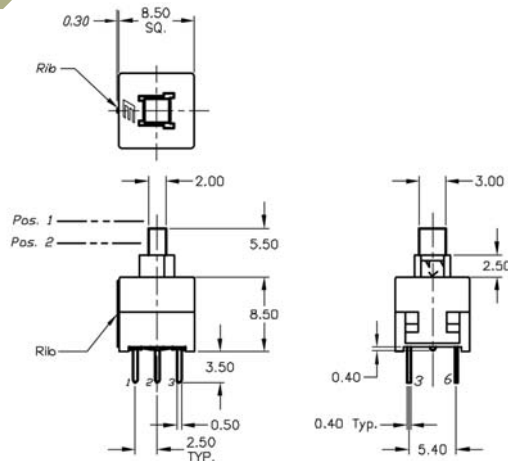
# SERIES TL 2201 SWITCHES

## PUSHBUTTON SWITCHES - SUB MINIATURE

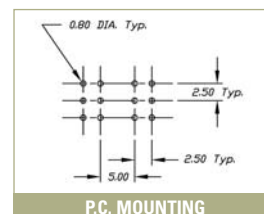
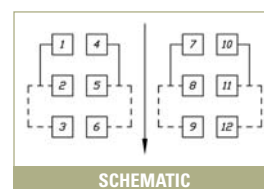
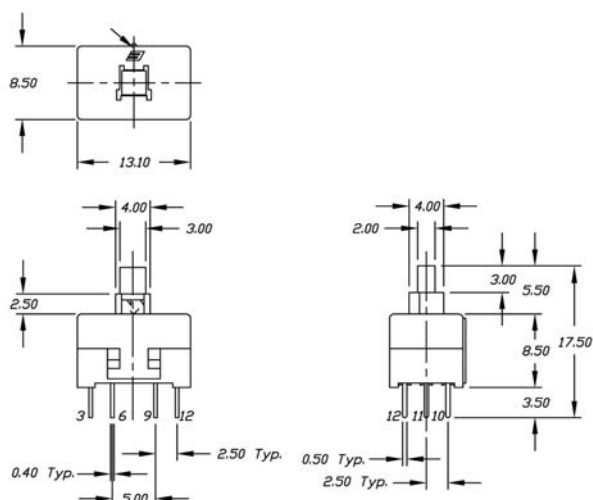
### TL 2285



### TL 2201

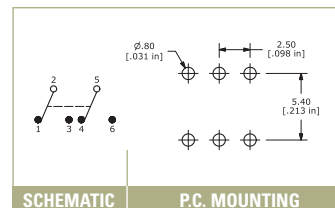
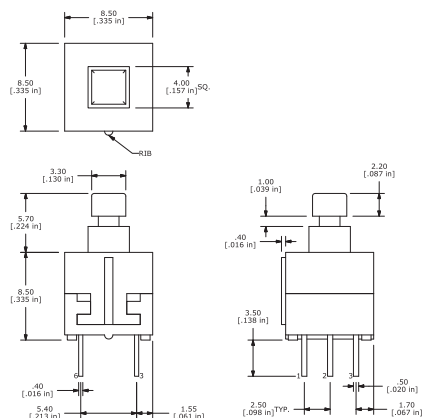


### TL 4201

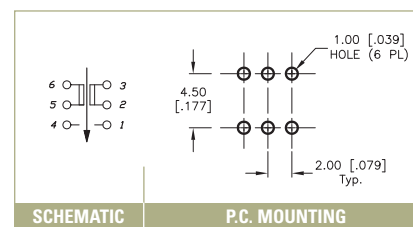
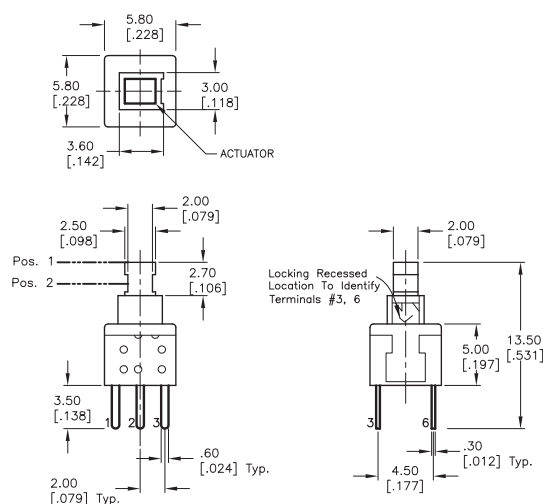




## TL 2202

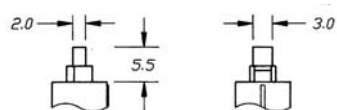


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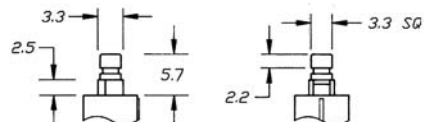
## ACTUATOR OPTIONS – TL 2201 &amp; TL 4201

X



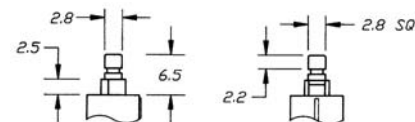
See Cap Section

Y



See Cap Section

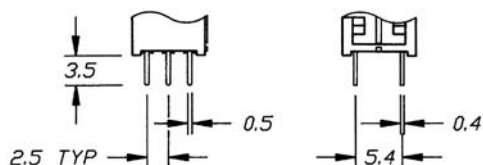
Z



See Cap Section

## TERMINATION OPTIONS – TL 2201 &amp; TL 4201

A



B

