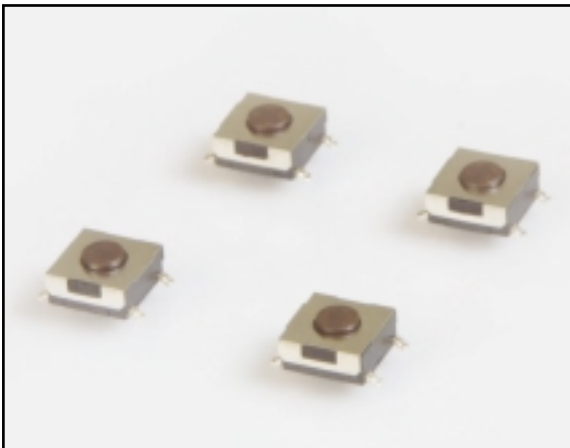




### SPECIFICATIONS

|                        |                                       |
|------------------------|---------------------------------------|
| Rating:                | 50mA @ 50 VDC                         |
| Mechanical Life:       | 100,000 cycles typical                |
| Contact Resistance:    | 20mΩ max. initial @ 2-4 VDC           |
| Insulation Resistance: | 100MΩ min.                            |
| Dielectric Strength:   | 1,000 Vrms at sea level               |
| Operating Force:       | 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf |

### MATERIALS

|                |                             |
|----------------|-----------------------------|
| Housing:       | Polyphenylene Sulfide (PPS) |
| Actuator:      | Polyphenylene Sulfide (PPS) |
| Bracket/Cover: | Tin plated steel            |
| Contacts:      | Silver-clad phosphor bronze |
| Terminals:     | Silver-clad brass           |

### HOW TO ORDER

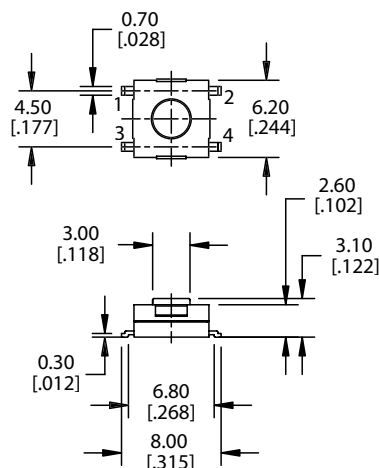
| Series                    | Model No. | Actuator Length | Operating Force      | Contact Material | Termination |
|---------------------------|-----------|-----------------|----------------------|------------------|-------------|
| TL<br>TLE=Earth<br>Ground | 3303      | (None)=3.1mm    | F100<br>F160<br>F260 | Q=Silver         | G=Gull Wing |

### EXAMPLE

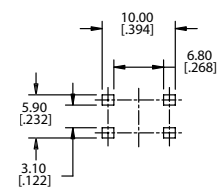
**TL** → **3303** → **F160** → **Q** → **G**



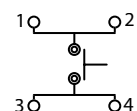
**TL 3303**



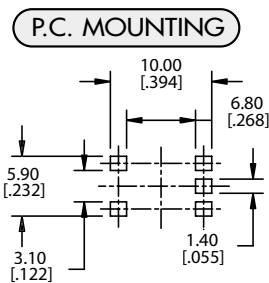
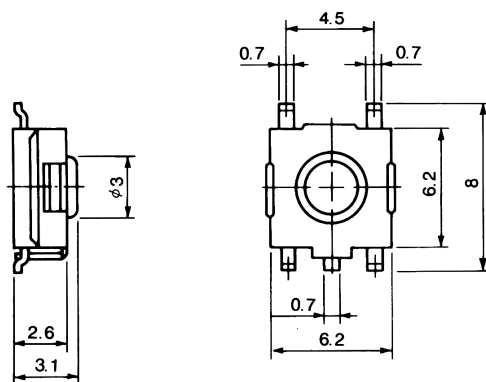
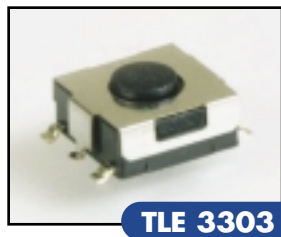
### P.C. MOUNTING



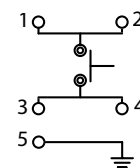
### Schematic



SURFACE MOUNT TACT SWITCHES



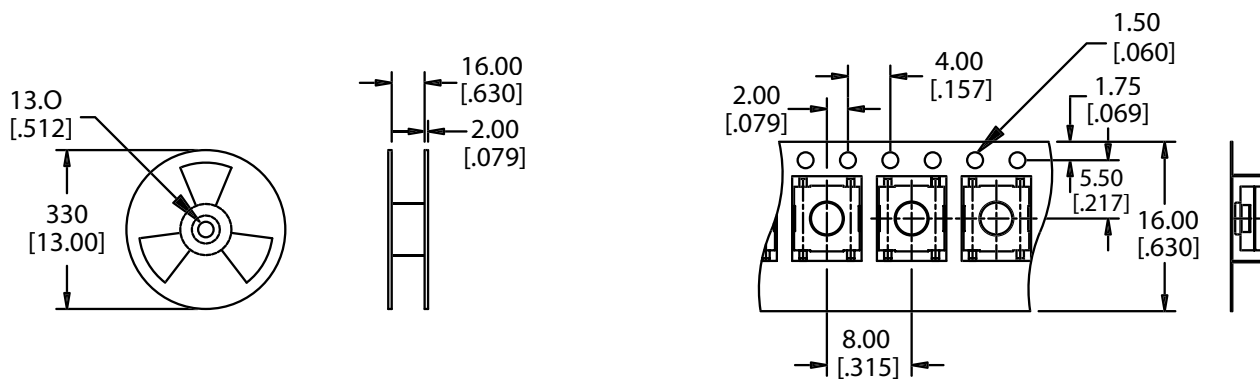
**Schematic**



OPERATING FORCES

| Operating Force       |
|-----------------------|
| F100 = 100 $\pm$ 50gf |
| F160 = 160 $\pm$ 50gf |
| F260 = 260 $\pm$ 50gf |

TL 3303 STANDARD REEL



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.