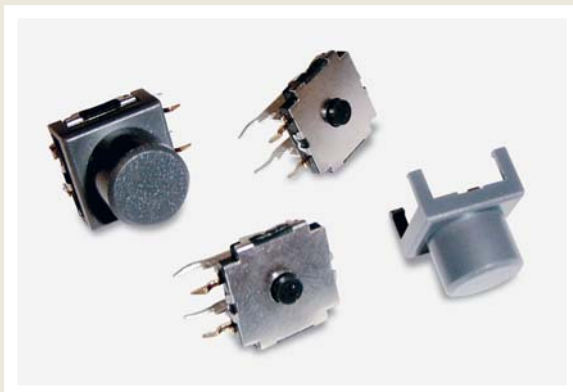




# SERIES TL 6190 SWITCHES

## TACT SWITCHES - SEALED RIGHT ANGLE



### FEATURES & BENEFITS

- ▶ Reliable dome technology
- ▶ Strong tactile force
- ▶ Multiple operating force
- ▶ Process sealed
- ▶ Right angle

### APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Consumer electronics
- ▶ Audio/visual
- ▶ Medical equipment
- ▶ Computer/servers/peripherals

### SPECIFICATIONS

|                                 |                   |
|---------------------------------|-------------------|
| Contact Rating:                 | 50mA@12 VDC       |
| Life Expectancy (Mechanical):   | 100,000 cycles    |
| Life Expectancy (Electrical):   | 100,000 cycles    |
| Contact Resistance:             | 100mΩ max. intial |
| Insulation Resistance:          | 100MΩ (Min@ 100V) |
| Dielectric Strength:            | 500 VDC           |
| Actuation Force:                | 220 ± 60 gf       |
| Operating Temperature (Switch): | -40°C to +105°C   |
| Operating Temperature (Button): | -40°C to +85°C    |
| Travel:                         | 0.50 ± 0.20mm     |

### MATERIALS

|            |                      |
|------------|----------------------|
| Housing:   | Nylon                |
| Cover:     | Stainless Steel      |
| Actuator:  | Silicone rubber      |
| Bracket:   | Tin, plated          |
| Terminals: | Copper alloy, plated |
| Contact:   | Copper alloy, plated |



### HOW TO ORDER

| SERIES | MODEL NO. | ACTUATOR ("L" Dimension) | OPERATING FORCE      | PLATING                | BUTTON    | BUTTON COLOR  |
|--------|-----------|--------------------------|----------------------|------------------------|-----------|---|
| TL     | 6190      | A = 2.90mm               | F160<br>F220<br>F320 | Q = Silver<br>R = Gold | R = Round | GRY = Gray<br>BLK = Black<br>WHT = White<br>RED = Red |



### Example Ordering Number

TL-6190-A-F220-Q-R-GRY

Specifications subject to change without notice.

## TL 6190

