

# SERIES TL 1250 SWITCHES

## ILLUMINATED RIGHT ANGLE TACT SWITCH



E-SWITCH™



### MECHANICAL SPECIFICATIONS

|                  |                                       |
|------------------|---------------------------------------|
| Mechanical Life: | 50,000 cycles                         |
| Force:           | 120 ± 60 gf; 180 ± 60 gf; 280 ± 70 gf |
| Travel:          | 0.2mm ± 0.1mm                         |

### ELECTRICAL SPECIFICATIONS

|                                    |                  |
|------------------------------------|------------------|
| Contact Rating:                    | 12VDC @ 50mA     |
| Contact Resistance (Initial Max.): | 100 mOhms @ 5VDC |
| Insulation Resistance (min.@100V): | 100 MOhms        |
| Dielectric Strength (1 Min.):      | 250VAC           |
| Bounce:                            | 5m Second Max    |

### FEATURES & BENEFITS

- Right-angle, thru hole termination
- Single color LED options available
- Sharp, tactile response
- Long travel

### APPLICATIONS / MARKETS

- Telecommunications
- Consumer Electronics
- Audio/visual
- Medical
- Testing/instrumentation
- Computer/servers/peripherals

### ENVIRONMENTAL SPECIFICATIONS

|                        |                |
|------------------------|----------------|
| Operating Temperature: | -20°C to +70°C |
|------------------------|----------------|

### HOW TO ORDER

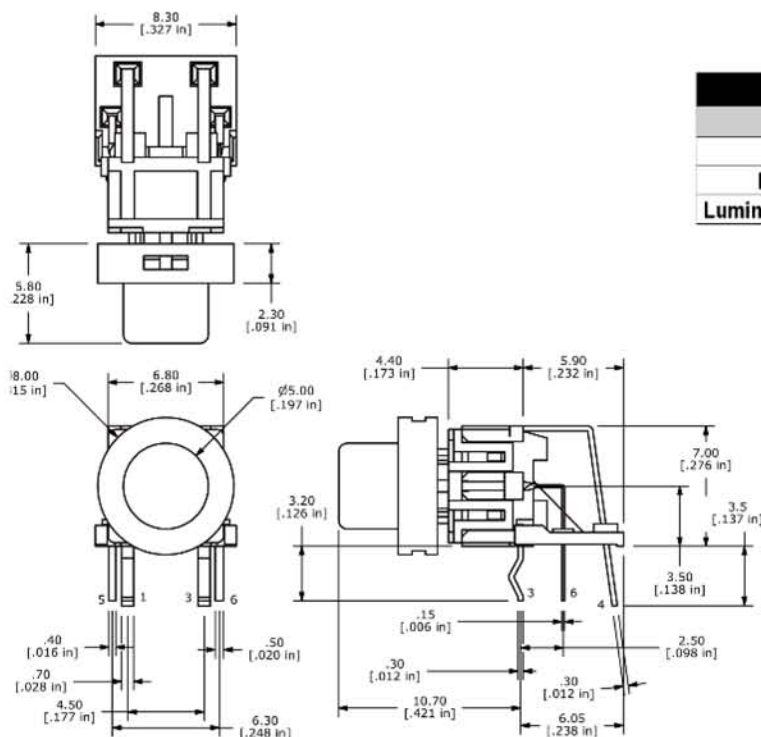
| SERIES | MODEL NO. | OPERATING FORCE                                 | LED OPTION                                                 | CONTACT MATERIAL       | CAP OPTION                    | CAPCOLOR                     |
|--------|-----------|-------------------------------------------------|------------------------------------------------------------|------------------------|-------------------------------|------------------------------|
| TL     | 1250      | F120 = 120 gf<br>F180 = 180 gf<br>F280 = 280 gf | A = None<br>B = Blue<br>R = Red<br>G = Green<br>Y = Yellow | Q = Silver<br>R = Gold | R = Round Style<br>N = No Cap | BLK = Black *<br>CLR = Clear |

### Example Ordering Number

TL1250 F180AQ RCLR

\*Denotes an opaque cap, not to be used with an LED

Specifications subject to change without notice.



### LED Specifications

|                                | Blue     | Green   | Yellow  | Red      |
|--------------------------------|----------|---------|---------|----------|
| Forward Current (mA)           | 20       | 20      | 20      | 20       |
| Forward Voltage @20mA (V)      | 3.65-4.2 | 2.1-2.5 | 2.0-2.5 | 1.95-2.5 |
| Luminous Intensity @10mA (mcd) | 250      | 400     | 1800    | 1800     |

