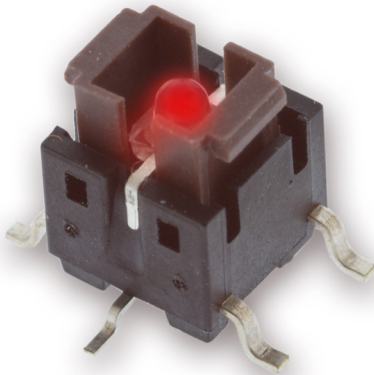


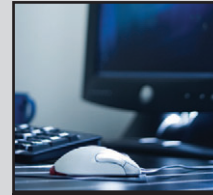
# TL3240 SERIES TACT SWITCH



## APPLICATIONS / MARKETS



Audio / Visual



Computer Peripherals



Consumer Electronics



Instrumentation



Telecommunication



Medical Equipment

# RoHS

## SPECIFICATIONS

**Electrical Rating:** 50mA @ 12VDC  
**Life Expectancy:** 200,000 Cycles  
**Contact Resistance:** 100mΩ Max.  
**Insulation Resistance:** 100 MΩ Min. at 500VDC  
**Dielectric Strength:** 250VAC for 1 min.  
**Operating Temperature:** -25°C to 70°C  
**Storage Temperature:** -30°C to 80°C  
**Operating Force:** 100 gf; 160 gf; 260 gf  
**Travel:** 0.2mm  
**Contact Arrangement:** SPST, Normally Open

## FEATURES & BENEFITS

- Illumination options
- Tape & Reel packaging: 450 pieces per reel
- Caps sold separately
- Surface Mount

## PART NUMBER CONFIGURATOR

| Series                          | Model                             | Force                                                                                | LED                                                                              | Cap*                                                    | Cap Insert Color                                                                                                         |
|---------------------------------|-----------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <input type="text" value="TL"/> | <input type="text" value="3240"/> | <input type="text" value="F100"/><br>F100 - 100 gf<br>F160 - 160 gf<br>F260 - 260 gf | <input type="text" value="B"/><br>B - Blue<br>R - Red<br>G - Green<br>Y - Yellow | <input type="text" value="TL3240R1CAP"/><br>TL3240S1CAP | <input type="text" value="BLK"/><br>BLK - Black<br>RED - Red<br>BLU - Blue<br>IVR - Ivory<br>GRN - Green<br>YEL - Yellow |

\* Cap to be ordered separately. *They cannot go thru the reflow soldering process.*

Specifications subject to change without notice



E-SWITCH®

www.e-switch.com

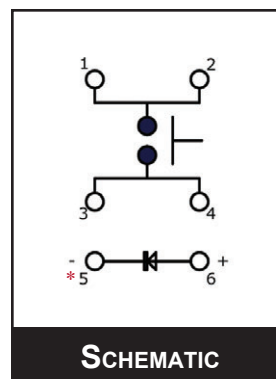
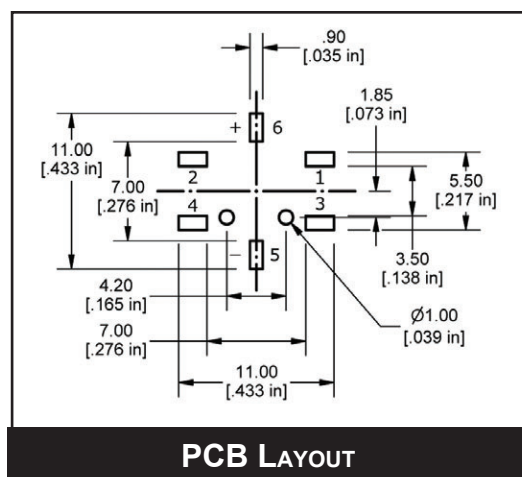
800.867.2717

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|                      |                   |              |                  |                     |                     |                 |                 |                |                      |                  |                 |             |
|----------------------|-------------------|--------------|------------------|---------------------|---------------------|-----------------|-----------------|----------------|----------------------|------------------|-----------------|-------------|
| ANTI-VANDAL SWITCHES | DETECTOR SWITCHES | DIP SWITCHES | KEYLOCK SWITCHES | NAVIGATION SWITCHES | PUSHBUTTON SWITCHES | ROCKER SWITCHES | ROTARY SWITCHES | SLIDE SWITCHES | SNAP ACTION SWITCHES | TACTILE SWITCHES | TOGGLE SWITCHES | CAP OPTIONS |
|----------------------|-------------------|--------------|------------------|---------------------|---------------------|-----------------|-----------------|----------------|----------------------|------------------|-----------------|-------------|

**LED Specifications**

|        | Forward Current<br>(mA) | Forward Voltage<br>V @ 20mA | L<br>Inte |
|--------|-------------------------|-----------------------------|-----------|
| Blue   | 20mA                    | 3.2 typ. - 3.6 max. VDC     | 2         |
| Green  | 20mA                    | 2.0 typ. - 2.5 max VDC      | 5         |
| Red    | 20mA                    | 1.8 typ. - 2.6 max VDC      |           |
| Yellow | 20mA                    | 2.0 typ. - 2.6 max VDC      |           |



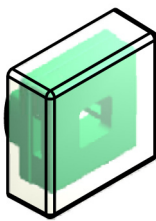
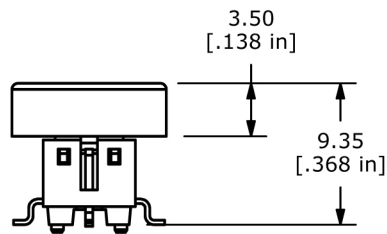
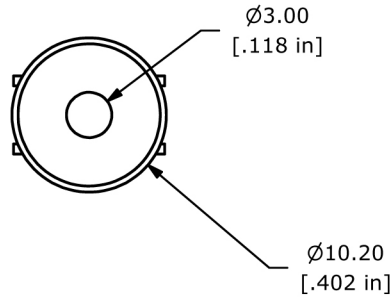
\* For the RED LED option, Pin #5 is the anode and Pin #6 is the cathode side of the LED.

## CAP OPTIONS

Caps are sold separately with a unique part number, as shown in the ordering code on the first page. They CANNOT GO THROUGH THE REFLOW SOLDERING PROCESS. Colors available include red, blue, green, black, ivory and yellow.



**R1 Cap**



**S1 Cap**

