

**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**

<table>
<thead>
<tr>
<th>Series</th>
<th>Model</th>
<th>Force</th>
<th>LED</th>
<th>Cap*</th>
<th>Cap Insert Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>TL</td>
<td>3240</td>
<td>F100 - 100 gf</td>
<td>B - Blue</td>
<td>TL3240R1CAP</td>
<td>BLK - Black</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F160 - 160 gf</td>
<td>R - Red</td>
<td>TL3240S1CAP</td>
<td>RED - Red</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F260 - 260 gf</td>
<td>G - Green</td>
<td></td>
<td>BLU - Blue</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Y - Yellow</td>
<td></td>
<td>IVR - Ivory</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GRN - Green</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>YEL - Yellow</td>
</tr>
</tbody>
</table>

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

Specifications subject to change without notice
**TL3240 Series Tact Switch**

**Body Dimensions**

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**LED Specifications**

<table>
<thead>
<tr>
<th></th>
<th>Forward Current (mA)</th>
<th>Forward Voltage V @ 20mA</th>
<th>Luminous Intensity (mcd)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>20mA</td>
<td>3.2 typ. - 3.6 max. VDC</td>
<td>200 mcd</td>
</tr>
<tr>
<td>Green</td>
<td>20mA</td>
<td>2.0 typ. - 2.5 max VDC</td>
<td>525 mcd</td>
</tr>
<tr>
<td>Red</td>
<td>20mA</td>
<td>1.8 typ. - 2.6 max VDC</td>
<td>75 mcd</td>
</tr>
<tr>
<td>Yellow</td>
<td>20mA</td>
<td>2.0 typ. - 2.6 max VDC</td>
<td>300 mcd</td>
</tr>
</tbody>
</table>

* 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**

- Circle diameter: 3.00 in (0.118 in)
- Height: 3.50 in (0.138 in)
- Width: 9.35 in (0.368 in)

**S1 Cap**

- Square side length: 10.20 in (0.402 in)
- Circle diameter: 3.00 in (0.118 in)
- Height: 3.50 in (0.138 in)
- Width: 9.35 in (0.368 in)