TL3301 Series Tact Switch

Specifications:
- Contact Rating: 50mA @ 12VDC
- Electrical Life: 100,000 gf
- Contact Resistance: 100mΩ Max
- Insulation Resistance: 100MΩ Min @ 500VDC
- Dielectric Strength: 250VAC for 1 Minute
- Operating Temperature: -20°C to 70°C
- Storage Temperature: -30°C to 85°C
- Travel: 0.25mm
- Contact Arrangement: SPST
- Actuation Force: 100gf; 160gf; 260gf

Features & Benefits:
- Single pole single throw
- Surface mount
- 6mm x 6mm
- Cap options
- Multiple actuator options

Applications / Markets:
- Audio / Visual
- Computer Peripherals
- Consumer Electronics
- Instrumentation
- Telecommunication
- Medical Devices

RoHS

Part Number Configurator

<table>
<thead>
<tr>
<th>Series</th>
<th>Actuator Options</th>
<th>Actuation Force</th>
<th>Contact Material</th>
<th>Termination</th>
<th>Cap Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>TL3301</td>
<td>A - 5.0mm (no cap)</td>
<td>F100 - 100 gf</td>
<td>Q - Silver</td>
<td>G - Gullwing</td>
<td>Order Caps Separately</td>
</tr>
<tr>
<td></td>
<td>B - 9.5mm (no cap)</td>
<td>F160 - 160 gf</td>
<td>R - Gold</td>
<td>J - J-lead</td>
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<tr>
<td></td>
<td>C - 8.0mm (no cap)</td>
<td>F260 - 260 gf</td>
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<td></td>
<td>D - 13.0mm (no cap)</td>
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<tr>
<td></td>
<td>E - 7.3mm (no cap)</td>
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<tr>
<td></td>
<td>F - 7.0mm (no cap)</td>
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<tr>
<td></td>
<td>N - 4.3mm (no cap)</td>
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<td>P - 8.5mm (no cap)</td>
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<td></td>
<td>SP - 2.8mm square cap</td>
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<td>T - 2.4mm square cap</td>
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</tbody>
</table>

Specifications subject to change without notice 11.4.2019
TL3301 Series Tact Switch

Termination Options

- ACTUATOR OPTION
- "L" DIMENSION
  - N: 4.3mm
  - A: 5.0mm
  - E: 7.3mm
  - F: 7.0mm
  - C: 8.0mm
  - P: 8.5mm
  - B: 9.5mm
  - D: 13.0mm

Gull Wing Termination

TERMINALS TO BE COPLANAR WITHIN .10 [.004 in]

PCB Layout

Schematic
**TL3301 Series Tact Switch**

**Termination Options**

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<tr>
<th>ACTUATOR OPTION</th>
<th>&quot;L&quot; DIMENSION</th>
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<td>A</td>
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<td>E</td>
<td>7.3mm</td>
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**J-Lead Termination**

**PCB Layout**

**Schematic**
TL3301 Series Tact Switch

Actuator Options

SP Actuator
(Gull Wing Termination Shown)

PCB Layout

Schematic
TL3301 Series Tact Switch

Termination Options

T Actuator
(Gull Wing Termination Shown)

PCB Layout

Schematic