**SERIES TS2 SWITCHES**

**SMT SNAP ACTION SWITCH**

**FEATURES & BENEFITS**
- Surface mount termination
- Subminiature package size
- Designed for higher reliability applications

**APPLICATIONS / MARKETS**
- Appliance
- Timing controls
- Testing/instrumentation
- Gaming and vending machines

**MECHANICAL SPECIFICATIONS**
- Mechanical Life: 3,000,000 cycles
- Force: 70 ± 20 gf

**ELECTRICAL SPECIFICATIONS**
- Contact Rating: 0.1A @ 125 VAC or 48 VDC
- Contact Resistance (Initial Max.): 300 mOhms @ 5VDC
- Insulation Resistance: 100 MOhms min @ 500VDC
- Dielectric Strength (1 Min.): 1,000V
- Bounce: 5m Second Max

**ENVIRONMENTAL SPECIFICATIONS**
- Operating Temperature: -25°C to +85°C

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>CURRENT RATING</th>
<th>ACTUATOR</th>
<th>OPERATING FORCE</th>
<th>TERMINAL TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS2</td>
<td>01 = 0.1A @ 48 VDC or 125 VAC</td>
<td>00 = No Lever</td>
<td>F070 = 70 gf</td>
<td>S = SMT Terminals</td>
</tr>
</tbody>
</table>

Example Ordering Number
TS20 100F070S

Specifications subject to change without notice.

**ACTUATOR AND OPERATING FORCE CHART**

<table>
<thead>
<tr>
<th>Actuator</th>
<th>Operating Force</th>
<th>Pre-Travel (P.T.)</th>
<th>Operating Point (O.P.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>070</td>
<td>0.2 +/- 0.1mm</td>
<td>3.3 +/- 0.3mm</td>
</tr>
</tbody>
</table>

**SCHEMATIC**

**MOUNTING**