## SERIES TL1105 SWITCHES

### TACT SWITCHES - 6mm x 6mm

#### FEATURES & BENEFITS
- Reliable dome contact technology
- Strong tactile/audible feedback
- Multiple operating force options

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

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### SPECIFICATIONS
- **Contact Rating:** 50mA @ 12 VDC (50mA @ 50VDC-gold)
- **Life Expectancy:** 100,000 cycles
- **Contact Resistance:** 100mΩ max., typical @ 2-4 VDC; 100mA for both silver and gold plated contacts
- **Insulation Resistance:** 100MΩ min.
- **Dielectric Strength:** 250 VAC
- **Actuation Force:** 100 ± 50 gf, 160 ± 50 gf, 250 ± 50 gf
- **Operating Temperature:** -20°C to 70°C
- **Travel:** 0.25 Typ

### MATERIALS
- **Housing:** Nylon or PBT
- **Actuator:** Nylon, Acetal or PBT
- **Cover:** Polyester
- **Contacts:** Gold or silver plated
- **Terminals:** Silver plated brass

### HOW TO ORDER

<table>
<thead>
<tr>
<th>SERIES</th>
<th>MODEL NO.</th>
<th>ACTUATOR (&quot;L&quot; Dimension)</th>
<th>OPERATING FORCE</th>
<th>CONTACT MTL./ TERMINATION</th>
<th>CAP (Where Avail.)</th>
<th>CAP COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>TL</td>
<td>1105</td>
<td>(None) = 4.3 mm A = 5.0 mm B = 9.5 mm C = 8.0 mm D = 13.0 mm E = 7.3 mm F = 7.0 mm G = 9.7 mm H = 12.5 mm K = 13.5 mm L = 17.0 mm P = 8.5 mm Y = 16.3 mm T = 2.4 mm SP = 2.8 mm</td>
<td>F100</td>
<td>Q = Silver</td>
<td>See Cap Options</td>
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<td></td>
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<td>R = Gold</td>
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</tbody>
</table>

- **Square Snap-on Actuator Head**
  - "L" Dimension is 7.3mm
  - Caps available for SP option only.

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<tr>
<th>SERIES</th>
<th>MODEL NO.</th>
<th>ACTUATOR (&quot;Rt. Angle&quot;)</th>
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<th>CONTACT MTL./ TERMINATION</th>
<th>CAP (Where Avail.)</th>
<th>CAP COLOR</th>
</tr>
</thead>
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<tr>
<td>TL</td>
<td>1105</td>
<td>V = 3.85mm W = 3.15mm X = 5.85mm Y = 16.3mm M = 6.85mm S = 8.35mm N = 11.85mm Q = 15.85mm J = 2.4mm JA = 2.8mm</td>
<td>F100</td>
<td>Q = Silver</td>
<td>See Cap Options</td>
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- **Square Snap-on Actuator Head**
  - "L" Dimension is 6.35mm
  - Caps available for JA option only.

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### Example Ordering Number
- TL-1105-SP-F160-Q-1R RED

Specifications subject to change without notice. 2.28.2018

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### Phone: 800-867-2717
### Fax: 763-531-8235
TL 1105

TLE 1105

TLE (EARTH TERMINAL)

TL 1105 T

<table>
<thead>
<tr>
<th>Model No.</th>
<th>‘S’ Dim.</th>
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<tr>
<td>TL1105T</td>
<td>2.4 mm</td>
</tr>
<tr>
<td>TL1105SP</td>
<td>2.8 mm</td>
</tr>
</tbody>
</table>
SERIES TL1105 SWITCHES

TACT SWITCHES - 6mm x 6mm

**TL 1105 J**

- **Model No.** TL1105J
- **‘S’ Dim.** 2.4 mm
- **Model No.** TL1105JA
- **‘S’ Dim.** 2.8 mm

**TL 1105**

- **Series:** Right Angle

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