

PTS635 Series 3,5 mm Tact Switches



Features/Benefits

- Compact size 6 x 3.5 mm
- Variety of switch heights
- Choice of actuation force

Typical Applications

- Consumer products
- Instrumentation
- Computer products
- Industrial



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Tactile Switches

Specification

FUNCTION: Momentary action
CONTACT ARRANGEMENT: SPST, N.O.
TERMINALS: PC pins

Mechanical

ACTUATION FORCE: PTS635L models: 130 grams.
PTS635H models: 200 grams.
LIFE EXPECTANCY: 20,000 operations.

Electrical

CONTACT RATING: 50 mA @ 12 V DC.
DIELECTRIC STRENGTH: 250 V AC min.
CONTACT RESISTANCE: 100 mΩ max. initial.
INSULATION RESISTANCE: 10¹¹Ω min.

Environmental

OPERATING TEMPERATURE: -40°C to 60°C

Process

SOLDERING: Preheating to 100°C for 45 sec. max. Keep flux flush with top surface of PCB; do not apply to component side of PCB and area where terminals are located. Soldering to 255°C for 5 sec. max. Clean by brushing on solder surface. Do not clean switch with solvents.

Materials

BASE: 6/6 nylon or glass filled polyester (PBT) (UL 94V-0).
ACTUATOR: 6/6 nylon or polyacetal (UL 94HB).
COVER PLATE: PTS635S and PTS635V models: Tin plated stainless steel
DOME CONTACTS: Phosphor bronze, silver clad.
STATIONARY CONTACTS: Brass, silver plated.
TERMINALS: Brass, silver plated. Insert molded.

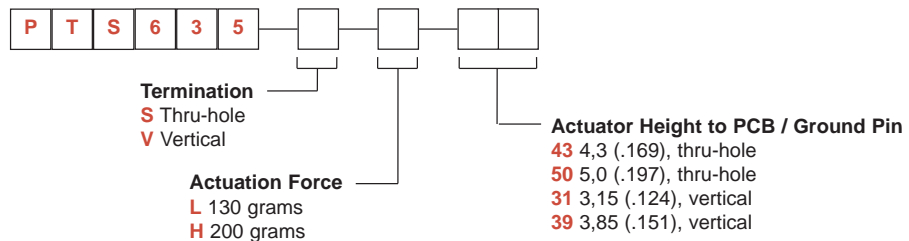
Packaging

Bulk packaging.

NOTE: Specifications listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service Center.

How To Order

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

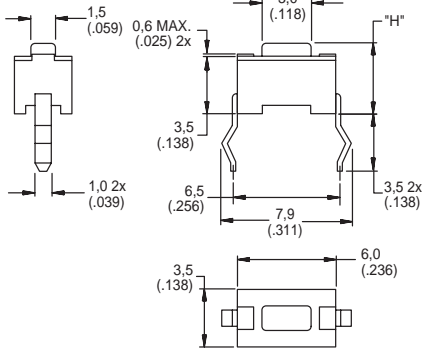


PTS635 Series

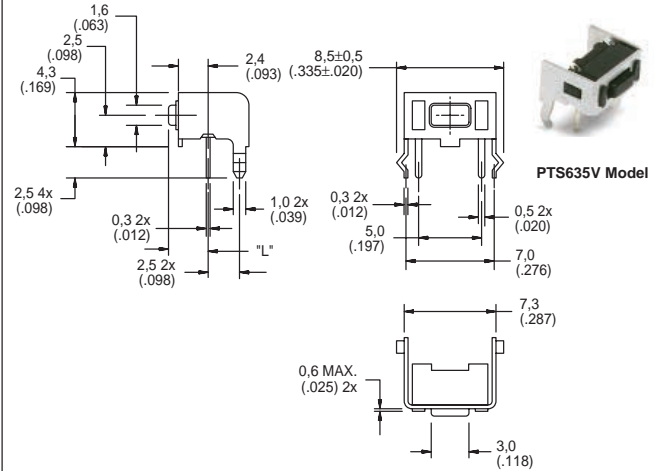
3,5 mm Tact Switches

SERIES

PTS635



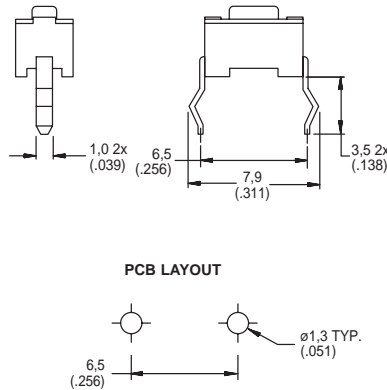
PTS635S Model



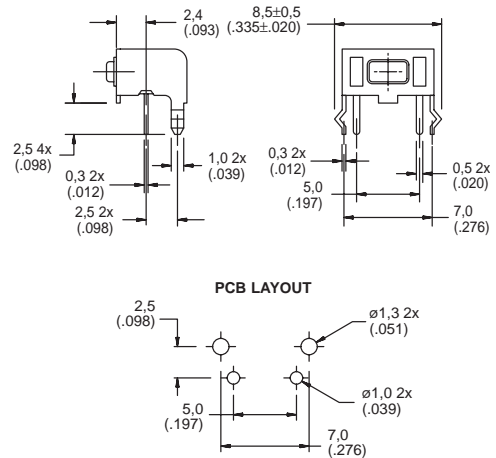
PTS635V Model

TERMINATION

S THRU-HOLE



V VERTICAL



ACTUATION FORCE

| OPTION CODE | FORCE |
|-------------|-----------|
| L | 130 grams |
| H | 200 grams |

ACTUATOR HEIGHT

| OPTION CODE | HEIGHT "H" or LENGTH "L" | TERMINATION | SCHEMATIC |
|-------------|--------------------------|-------------|-----------|
| 43 | 4,3 (.169) | Thru-hole | 1 — 2 |
| 50 | 5,0 (.197) | Thru-hole | 1 — 2 |
| 31 | 3,15 (.124) | Vertical | 1 — 2 |
| 39 | 3,85 (.151) | Vertical | 3 — 4 |

Tactile Switches

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