Features/Benefits

- Compact size 6 x 3.5 mm
- Variety of switch heights
- Choice of actuation force
- RoHS compliant and compatible

Typical Applications

- Consumer products
- Instrumentation
- Computer products
- Industrial



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 m Ω max. initial. INSULATION RESISTANCE: 10¹¹ Ω min.

Environmental

OPERATING TEMPERATURE: -40°C to 60°C

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

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: Tin plated stainless steel DOME CONTACTS: Phosphor bronze, silver clad. STATIONARY CONTACTS: Brass, silver plated. TERMINALS: Brass, silver plated. Insert molded.

Packaging

Bulk packaging.

Tape & reel for: PTS635Sx43SMTR, 1700 pcs per reel

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.



* SMTR only available with PTS635 43 Actuator Height options.



PTS635 Series 3,5 mm Tact Switches

THRU-HOLE

3,0 (.118) 1,5 (.059) 0,6 MAX. (.025) 2x "H" 3,5 (.138) 1,0 2x (.039) _3,5 2x (.138) 6,5 (.256) _ 7,9 (.311) 6,0 (.236) 3,5 (.138) П

For "H" dimension please refer to chart on next page

PCB LAYOUT







PCB LAYOUT



ACTUATION FORCE

OPTION CODE	FORCE	
L	130 grams	
н	200 grams	

ACTUATOR HEIGHT

OPTION CODE	HEIGHT "H" or LENGTH "L"	TERMINATION	SCHEMATIC
43	4,3 (.169)	Thru-hole & SMT	1 00 2
50	5,0 (.197)	Thru-hole	

INSERTION TYPE



Tactile Switches



www.ckswitches.com