

Tactile Switches



B

- ## Typical Applications

- **Consumer products**
- **Instrumentation**
- **Computer products**
- **Industrial**

Mechanical

ACTUATION FORCE: PTS645 models: 130 grams, 160 grams,
200 grams, 260 grams
LIFE EXPECTANCY: 100.000 operations.

CONTACT RATING: 50 mA @ 12 V DC.
DIELECTRIC STRENGTH: 250 V AC min.
CONTACT RESISTANCE: 100 mΩ max. initial.
INSULATION RESISTANCE: 10^{11} Ω min.

OPERATING TEMPERATURE: -20°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.

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.

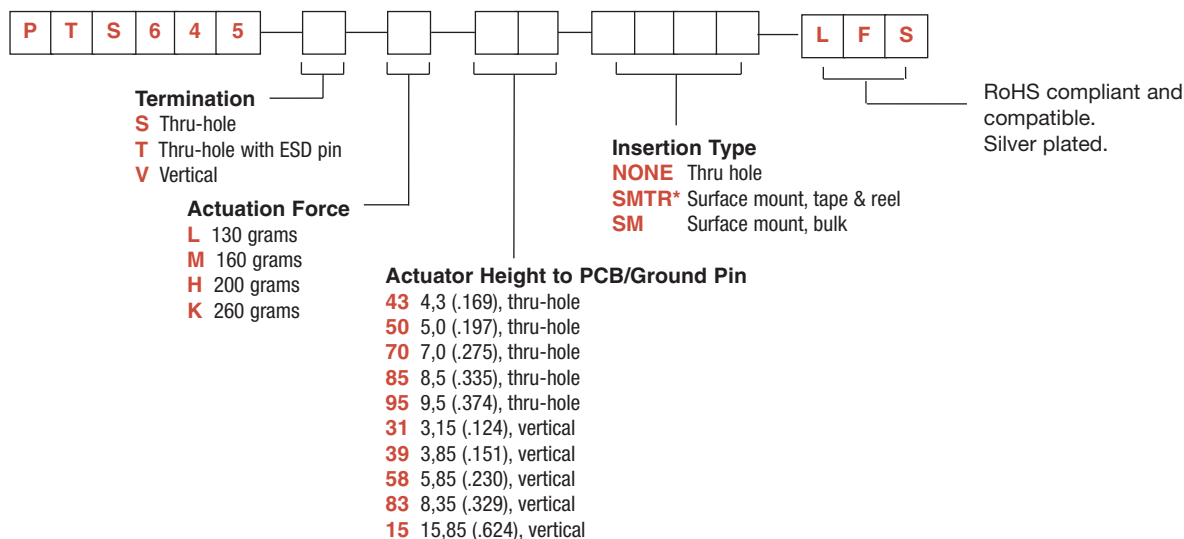
BASE: 6/6 nylon or glass filled polyester (PBT) (UL 94V-0).
 ACTUATOR: 6/6 nylon or polyacetal (UL 94HB).
 COVER PLATE: PTS645S: Polyester or stainless steel.
 PTS645T and PTS645V: Tin alloy or stainless steel.
 DOME CONTACTS: Phosphor bronze, silver clad.
 STATIONARY CONTACTS: Brass, silver plated.
 TERMINALS: Brass, silver plated. Insert molded.

Bulk packaging.

Tape & reel for the SMT type:

Reel of 1000 pcs for the PST645sx43 &50
 Reel of 750pcs for the PTS645Sx70
 Reel of 500 pcs for the PTS645Sx95

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.



*Only the PTS645 in horizontal type without ESD pin is available in SMT type.

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A diagram of a 4-bit shift register. It consists of four input boxes labeled A, B, C, and D, and four output boxes labeled Q3, Q2, Q1, and Q0. The inputs are connected to the shift register, and the outputs are connected to the shift register. The shift register is represented by a horizontal bar with four segments, each corresponding to one of the input/output pairs.

OPTION CODE	HEIGHT “H” or LENGTH “L”	TERMINATION	SCHEMATIC	
			Without EMC pin	With EMC pin
43	4,3 (.169)	Thru-hole		
50	5,0 (.197)	Thru-hole		
70	7,0 (.275)	Thru-hole		
95	9,5 (.374)	Thru-hole		
31	3,15 (.124)	Vertical		
39	3,85 (.151)	Vertical		
58	5,85 (.230)	Vertical		
83	8,35 (.329)	Vertical		
15	15,85 (.624)	Vertical		

**C&K**