

Features/Benefits

- Compact size 6 x 6 mm
- Variety of actuator lengths
- 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: 130 grams, 160 grams, 200 grams, 260 grams LIFE EXPECTANCY: 100,000 operations.

Electrical

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

Environmental

OPERATING TEMPERATURE: -20°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.

Packaging

Bulk packaging.

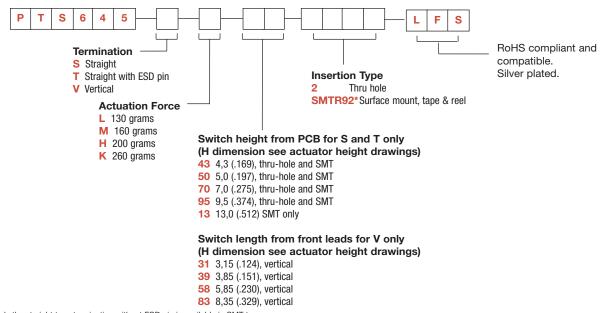
Tape & reel for the SMT type:

Reels of 1,000 pieces for 4,3 and 5,0 mm height Reels of 700 pieces for 7,0 mm height Reels of 500 pieces for 9,5 mm height Reels of 400 pieces for 13,0 mm height

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 and place it in the appropriate box.



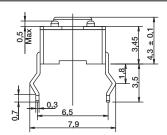
*Only the straight type termination without ESD pin is available in SMT type.

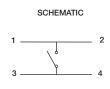


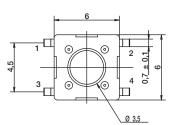
Dimensions are shown: mm (inches)
Specifications and dimensions subject to change

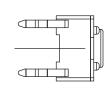


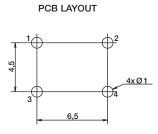
S STRAIGHT



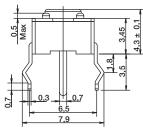


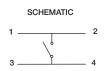


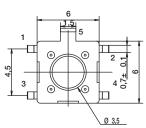


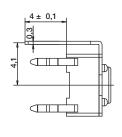


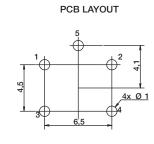
T STRAIGHT WITH ESD PIN





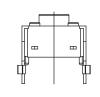


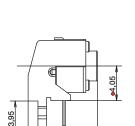


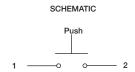


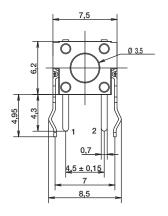
V VERTICAL

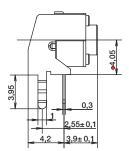


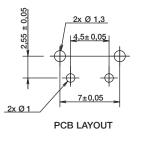














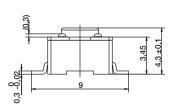
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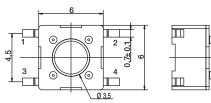


6 mm Tact Switches

SMT

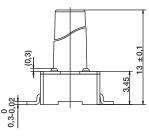
FOR 4.3, 5.0, 7.0, 9.5 MM HEIGHT

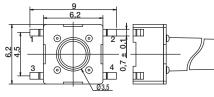


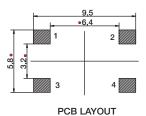




13.0 MM HEIGHT ONLY







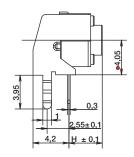
ACTUATION FORCE

TERMINATION

OPTION CODE	FORCE		
L	130 grams Black		
M	160 grams Blue		
Н	200 grams Gray		
K	260 grams Red		

ACTUATOR HEIGHT

H ± 0.1



Switch height from PCB for S and T only

OPTION CODE	DIMENSION H	TERMINATION	SCHEI Without EMC pin	MATIC With EMC pin
43 50 70 95 13	4,3 (.169) 5,0 (.197) 7,0 (.275) 9,5 (.374) 13,0 (.512)	Thru-hole and SMT Thru-hole and SMT Thru-hole and SMT Thru-hole and SMT SMT	10 02	10

Switch length from front leads for V only

OPTION			SCHEMATIC	
CODE	DIMENSION H	TERMINATION	Without EMC pin	With EMC pin
31	3,15 (.124)	Vertical		
39	3,85 (.151)	Vertical		1 0∕03
58	5,85 (.230)	Vertical		○
83	8,35 (.329)	Vertical		•

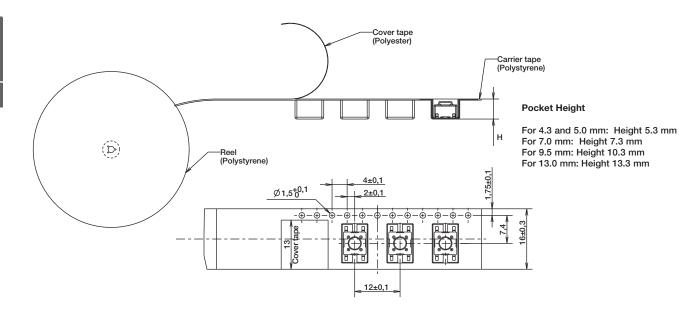


Dimensions are shown: mm Specifications and dimensions subject to change



В

В





Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Components:

PTS645SL95 PTS645SL43 PTS645SL70 PTS645SL50 PTS645SH70 PTS645SH95 PTS645SH50 PTS645SL43SM PTS645TH43 PTS645TH50 PTS645TH95 PTS645TH70 PTS645VL83 PTS645VL31 PTS645VL58 PTS645VL39 PTS645TL95 PTS645TL70 PTS645TL43 PTS645TL50 PTS645VH39 PTS645VH83 PTS645VH58 PTS645VH31 PTS645SM43SMTR LFS PTS645SM43TR LFS PTS645TL43 LFS PTS645SK50TR LFS PTS645SL50SMTR LFS PTS645SH43SMTR LFS PTS645SL17LFS PTS645SM43LFS PTS645SM70LFS PTS645SM95LFS PTS645SH43LFS PTS645SK70LFS PTS645TM43LFS PTS645TM50LFS PTS645TM70LFS PTS645TM95LFS PTS645TH95LFS PTS645TK43LFS PTS645TK50LFS PTS645TK70LFS PTS645TK95LFS PTS645VM83LFS PTS645VK31LFS PTS645VK83LFS PTS645SL43SMTRLFS PTS645SM50SMTRLFS PTS645SH50SMTRLFS PTS645SK43SMTRLFS PTS645SK50SMTRLFS PTS645SK50-2 LFS PTS645SM43-2 LFS PTS645VK31-2 LFS PTS645VM58-2 LFS PTS645SL95-2 LFS PTS645VH83-2 LFS PTS645SL50SMTR 92 LFS PTS645SM70-2 LFS PTS645VH31-2 LFS PTS645VK83-2 LFS PTS645SH43-2 LFS PTS645SH43SMTR 92 LFS PTS645SM50-2 LFS PTS645SM43SMTR 92 LFS PTS645VL58-2 LFS PTS645VM83-2 LFS PTS645SM50SMTR 92 LFS PTS645VM39-2 LFS PTS645SK70-2 LFS PTS645SM95-2 LFS PTS645VL39-2 LFS PTS645VH58-2 LFS PTS645VL31-2 LFS PTS645SK43-2 LFS PTS645VK58-2 LFS PTS645VL83-2 LFS PTS645SH70-2 LFS PTS645SL50-2 LFS PTS645VK39-2 LFS PTS645SK43SMTR 92 LFS PTS645VH39-2 LFS PTS645SK95-2 LFS PTS645SL43-2 LFS PTS645SL43SMTR 92 LFS PTS645SH50SMTR 92 LFS PTS645SL70-2 LFS PTS645SH95-2 LFS PTS645SK50SMTR 92 LFS PTS645VM31-2 LFS PTS645SH50-2 LFS PTS645TL95LFS PTS645TH70LFS