

### 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: PTS645 models: 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 $\Omega$  max. initial. INSULATION RESISTANCE: 10"  $\Omega$  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**

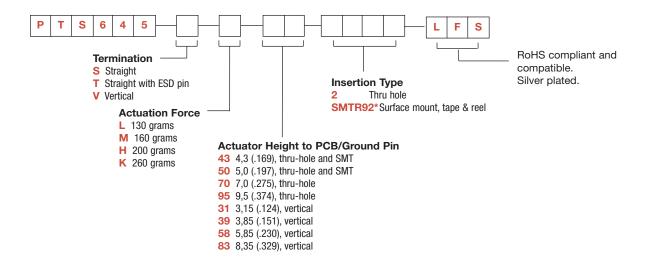
Bulk packaging.

Tape & reel for the SMT type: Reel of 1,000 pieces

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

#### **How To Order**

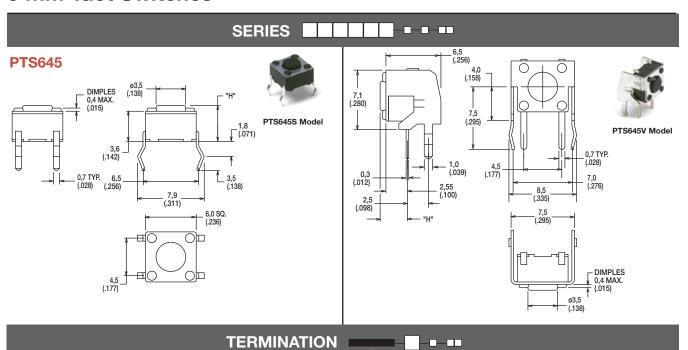
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and and place it in the appropriate box.

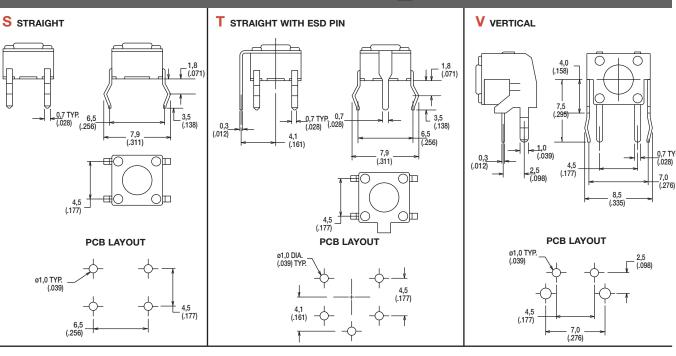


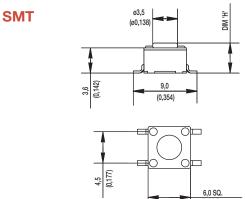
\*Only the PTS645 in horizontal type without ESD pin is available in SMT type.

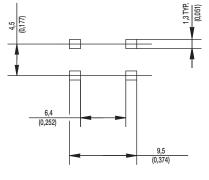


www.ck-components.com













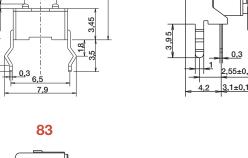
Dimensions are shown: mm (inches) Specifications and dimensions subject to change

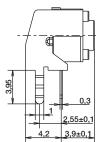
# **ACTUATION FORCE**

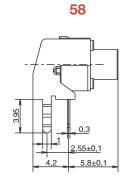
OPTION CODE	FORCE	
L	130 grams	
M	160 grams	
H	200 grams	
K	260 grams	

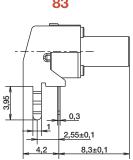
# **ACTUATOR HEIGHT**

OPTION	HEIGHT "H" or		SCHEMATIC	
CODE	LENGTH "L"	TERMINATION	Without EMC pin	With EMC pin
43	4,3 (.169)	Thru-hole and SMT		4.5 50
50	5,0 (.197)	Thru-hole and SMT	10	10 , 02
70	7,0 (.275)	Thru-hole	30-1-04	30
95	9,5 (.374)	Thru-hole		+
31	3,15 (.124)	Vertical		
39	3,85 (.151)	Vertical		
58	5,85 (.230)	Vertical		10-03
83	8,35 (.329)	Vertical		•—•









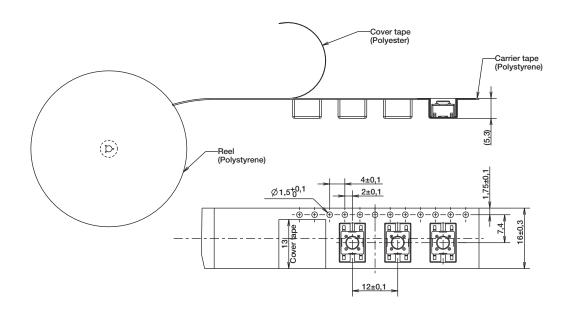


Dimensions are shown: mm Specifications and dimensions subject to change



25apr13

В





# **Mouser Electronics**

**Authorized Distributor** 

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

# **C&K Components:**

PTS645SK50-2 LFS PTS645SM43-2 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 PTS645SK43SMTR 92 LFS PTS645VH39-2 LFS PTS645SK95-2 LFS PTS645SL43-2 LFS PTS645SL43SMTR 92 LFS PTS645SH50SMTR 92 LFS PTS645SH50-2 LFS PTS645SH50-2 LFS PTS645SH50-2 LFS PTS645TH43-2 LFS PTS645TH50-2 LFS PTS645TH50-2 LFS PTS645TH50-2 LFS PTS645TH50-2 LFS PTS645TH50-2 LFS