

## Tactile Switches

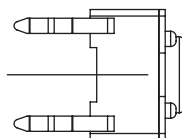
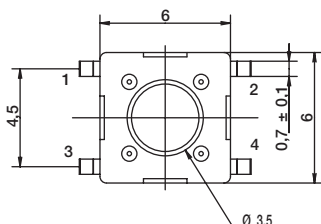
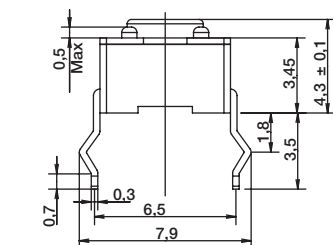


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- **Instrumentation**
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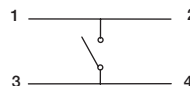
[www.ckswitches.com](http://www.ckswitches.com)

## TERMINATION

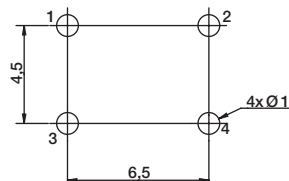
### S STRAIGHT



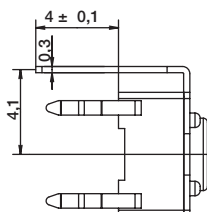
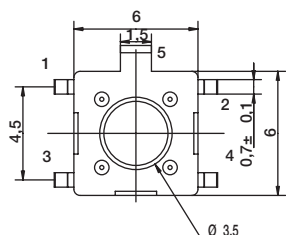
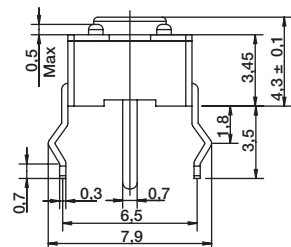
SCHEMATIC



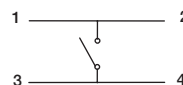
PCB LAYOUT



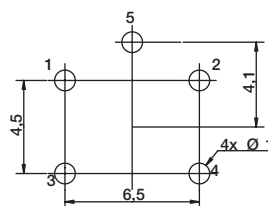
### T STRAIGHT WITH ESD PIN



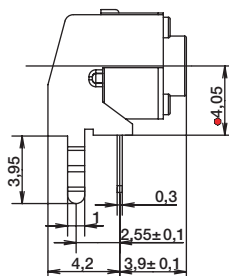
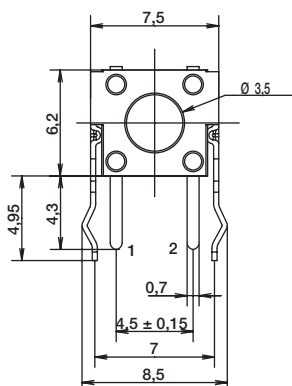
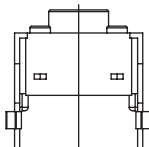
SCHEMATIC



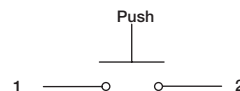
PCB LAYOUT



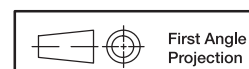
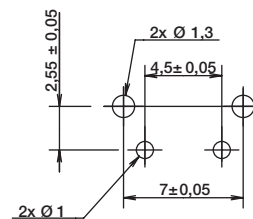
### V VERTICAL



SCHEMATIC



PCB LAYOUT

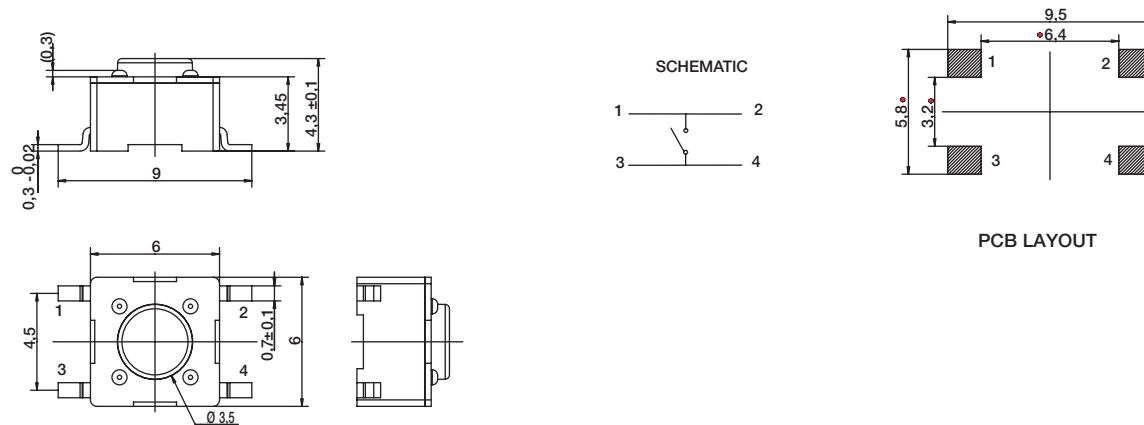


First Angle  
Projection

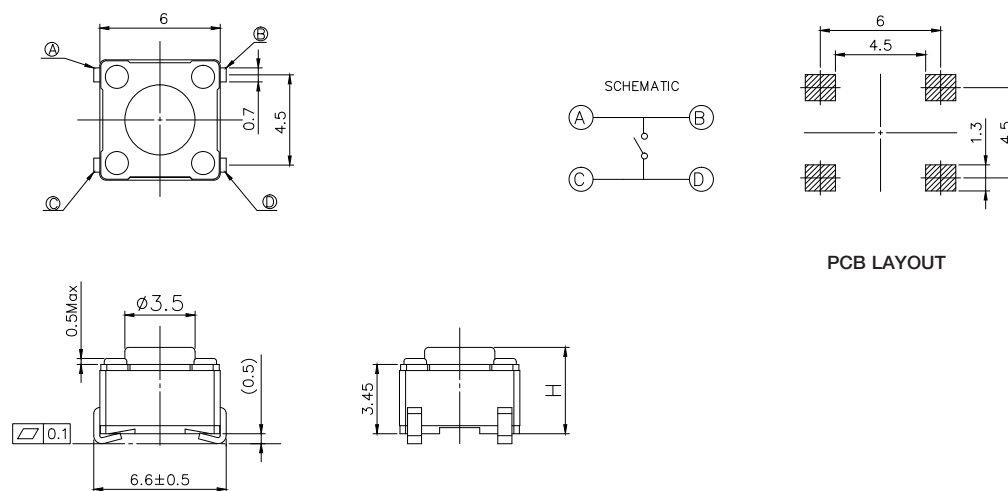
# PTS645 Series 6 mm Tact Switches

## TERMINATION

### SMT G Type



### SMT J Type



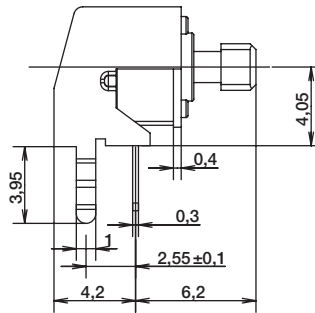
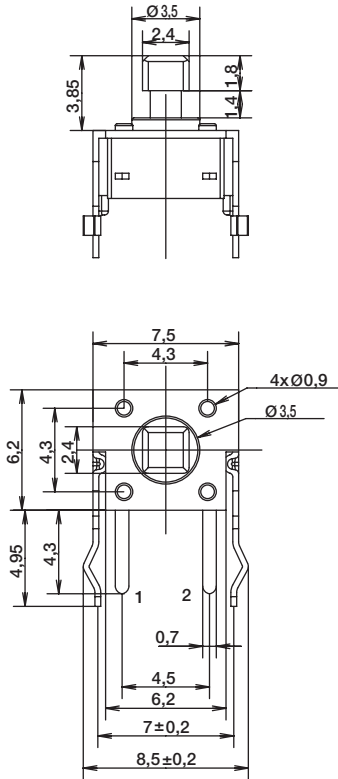
Dimensions are shown: mm

Specifications and dimensions subject to change

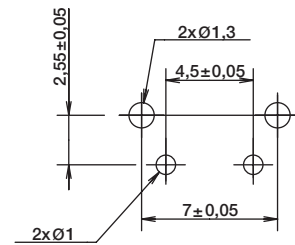
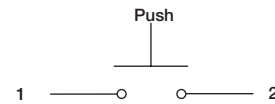
## ACTUATOR SHAPE

### J SQUARE ACTUATOR

#### VERTICAL THT - FOR 6.15MM LENGTH ONLY

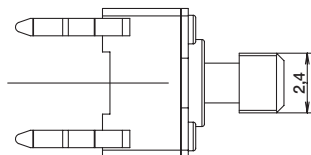
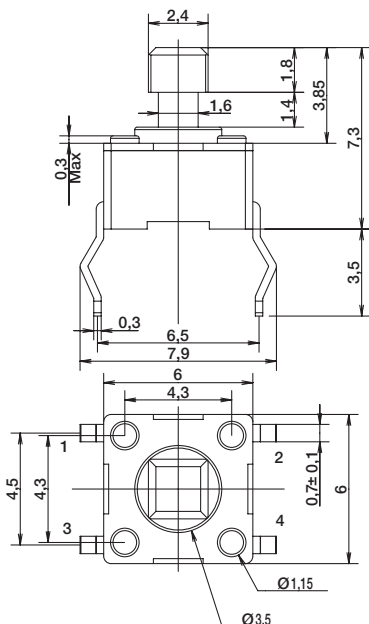


#### SCHEMATIC

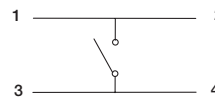


#### RECOMMENDED PCB LAYOUT

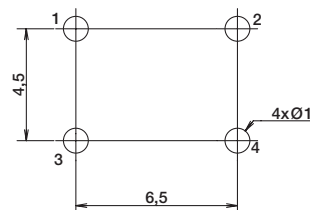
#### VERTICAL THT - FOR 7.3MM HEIGHT ONLY



#### SCHEMATIC



#### RECOMMENDED PCB LAYOUT

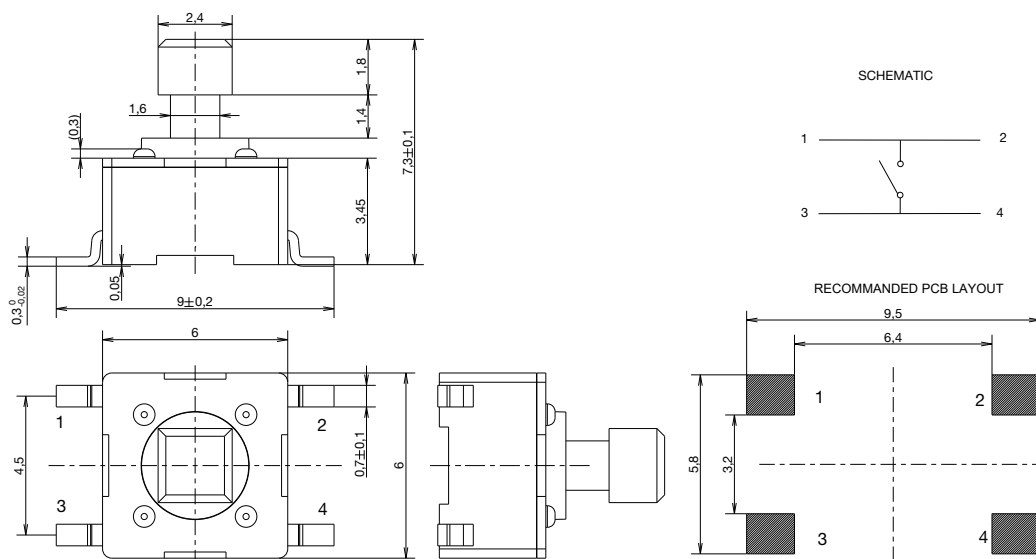


First Angle  
Projection

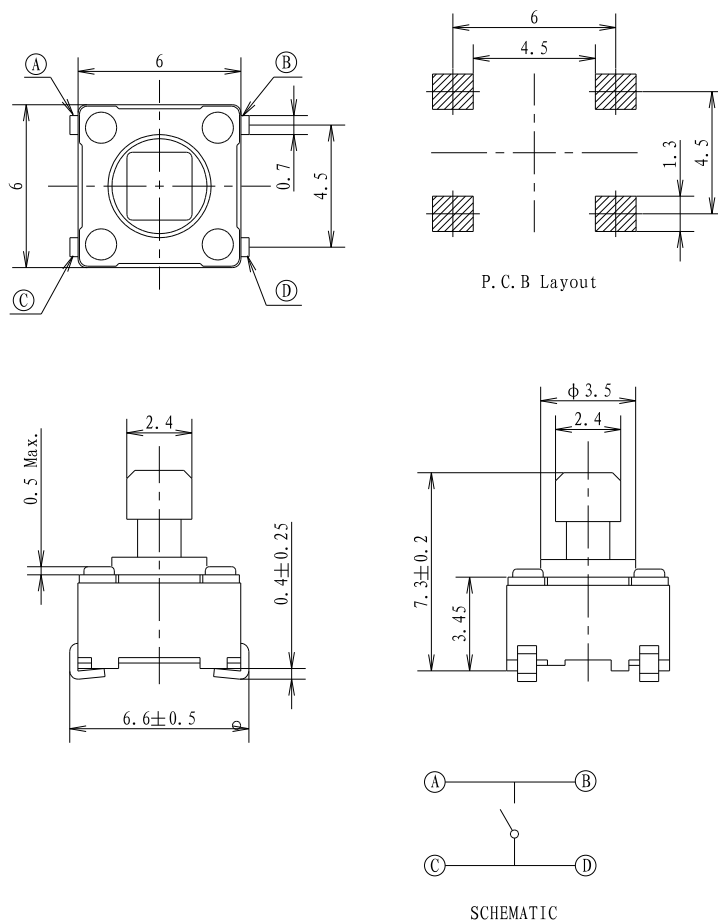
# PTS645 Series 6 mm Tact Switches

## ACTUATOR SHAPE

### STRAIGHT SMT G TYPE - FOR 7.3MM HEIGHT ONLY

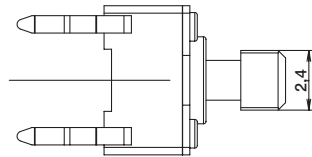
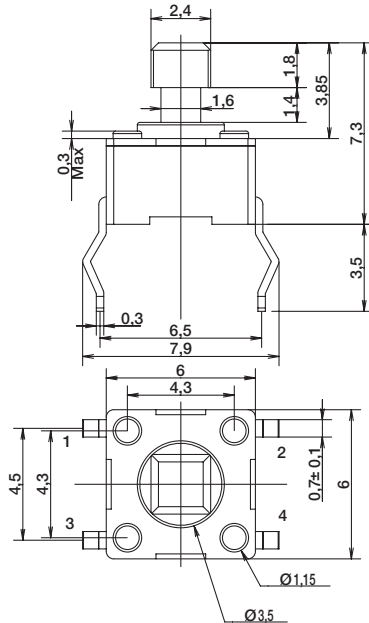


### STRAIGHT SMT J TYPE - FOR 7.3MM HEIGHT ONLY

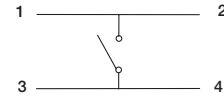


## ACTUATOR SHAPE

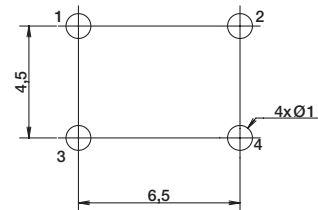
### VERTICAL THT - FOR 7.3MM HEIGHT ONLY



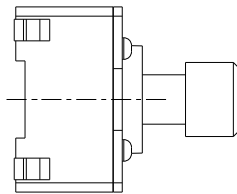
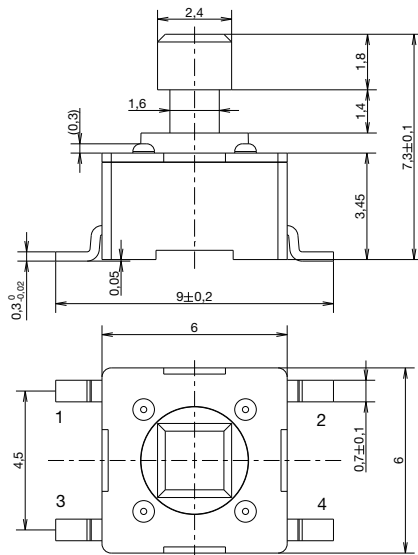
SCHEMATIC



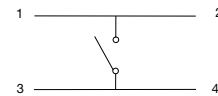
RECOMMENDED PCB LAYOUT



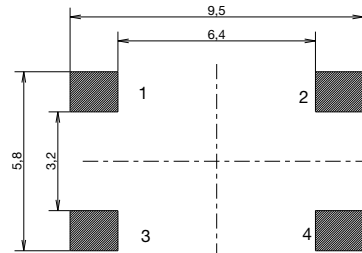
### STRAIGHT SMT - FOR 7.3MM HEIGHT ONLY



SCHEMATIC



RECOMMENDED PCB LAYOUT



First Angle  
Projection

# PTS645 Series 6 mm Tact Switches

## ACTUATION FORCE

OPTION CODE	FORCE
<b>L</b>	130 grams Black
<b>M</b>	160 grams Blue
<b>H</b>	200 grams Gray
<b>K</b>	260 grams Red

## ACTUATOR HEIGHT

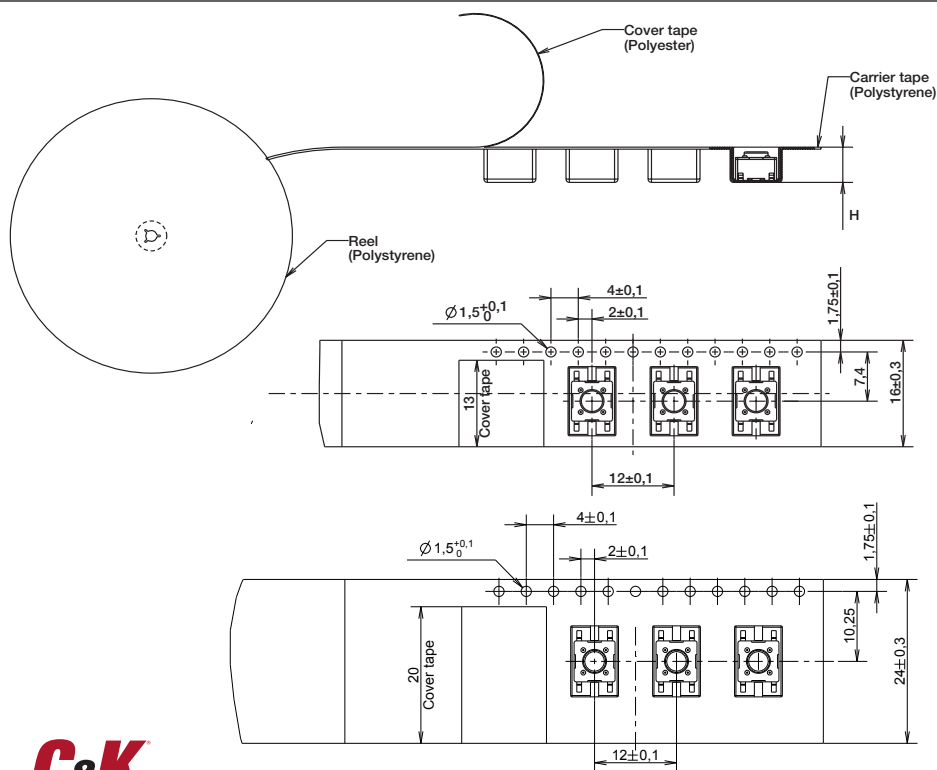
Switch height from PCB for S and T only

OPTION CODE	DIMENSION H	TERMINATION	SCHEMATIC	
			Without EMC pin	With EMC pin
<b>43</b>	4,3 (.169)	Thru-hole and SMT		
<b>50</b>	5,0 (.197)	Thru-hole and SMT		
<b>70</b>	7,0 (.275)	Thru-hole and SMT		
<b>95</b>	9,5 (.374)	Thru-hole and SMT		
<b>13</b>	13,0 (.512)	SMT		

Switch length from front leads for V only

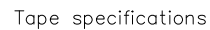
OPTION CODE	DIMENSION H	TERMINATION	SCHEMATIC	
			Without EMC pin	With EMC pin
<b>31</b>	3,15 (.124)	Vertical		
<b>39</b>	3,85 (.151)	Vertical		
<b>58</b>	5,85 (.230)	Vertical		
<b>83</b>	8,35 (.329)	Vertical		

## TAPE & REEL FOR SMT G TYPE VERSIONS



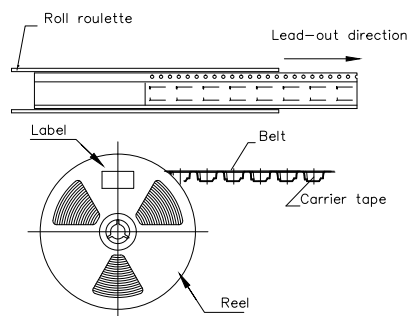
OPTION CODE	WIDTH TAPE	POCKET HEIGHT
<b>43</b>	16 ± 0.3	5.3
<b>50</b>	16 ± 0.3	5.3
<b>70</b>	16 ± 0.3	7.3
<b>73</b>	16 ± 0.3	7.6
<b>95</b>	24 ± 0.3	10.3
<b>13</b>	24 ± 0.3	13.3

## B Tactile Switches



Product height (H)mm	Carrier tape width (W)mm	Center distance of carrier tape (F)mm	pcs/ree
4.3	16	7.5	1000
5.0	16	7.5	1000
7.0	16	7.5	700
7.3	16	7.5	700
9.5	24	11.5	500
11	24	11.5	500
13	24	11.5	500

Note: The disc rotates counterclockwise.  
According to the packing shown in the figure,  
the braid must not be twisted to prevent  
product deformation;



Dimensions are shown: mm  
Specifications and dimensions subject to change



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## C&K Switches:

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[PTS645SJM73JSMTR92 LFS](#) [PTS645SK43JSMTR92 LFS](#)