

Tactile Switches



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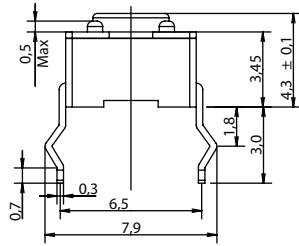
Tactile Switches



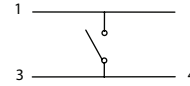
PTS645 Series 6 mm Tact Switches

TERMINATION

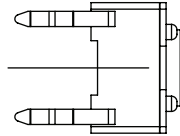
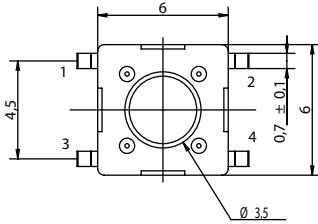
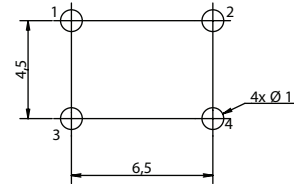
S STRAIGHT



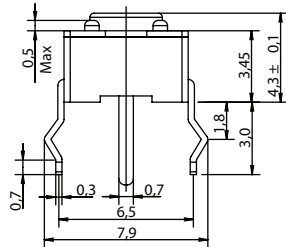
SCHEMATIC



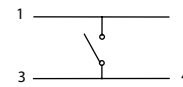
PCB LAYOUT



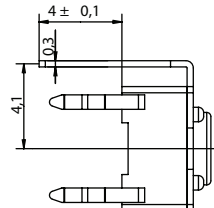
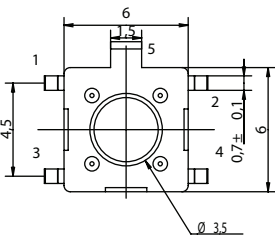
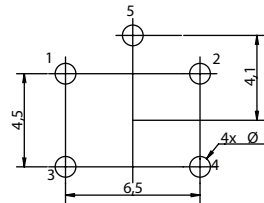
T STRAIGHT WITH ESD PIN



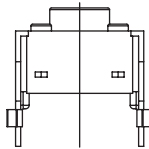
SCHEMATIC



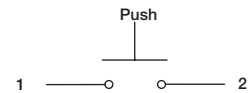
PCB LAYOUT



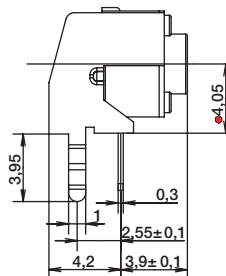
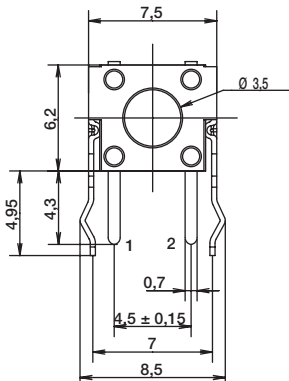
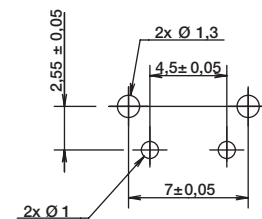
V VERTICAL THT



SCHEMATIC



PCB LAYOUT

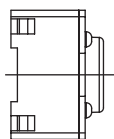
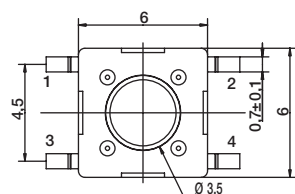
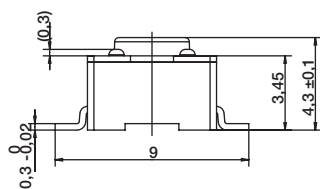


First Angle
Projection
Dimensions are shown: mm
Specifications and dimensions subject to change

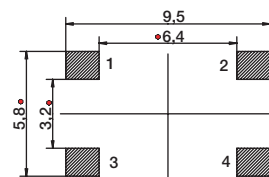
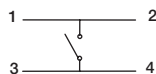
PTS645 Series 6 mm Tact Switches

TERMINATION

SMT G Type

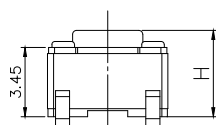
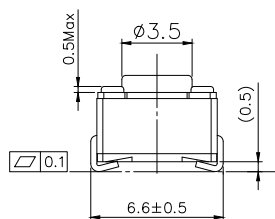
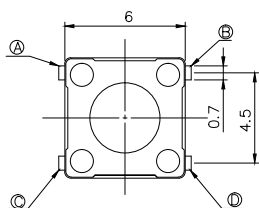


SCHEMATIC

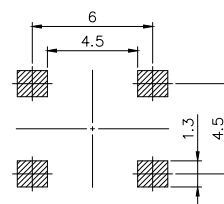
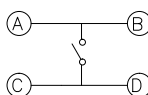


PCB LAYOUT

SMT J Type



SCHEMATIC



PCB LAYOUT



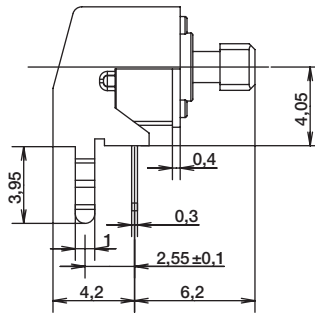
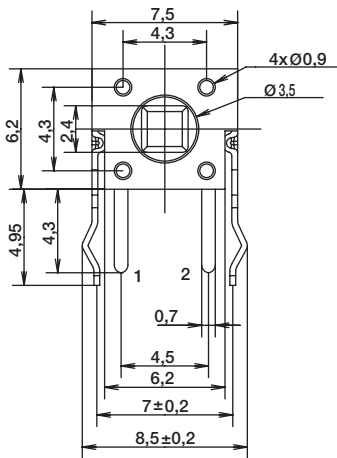
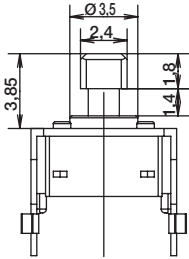
B

Tactile Switches

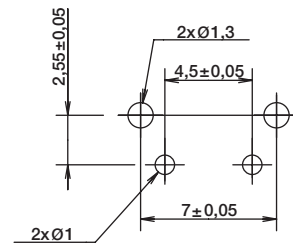
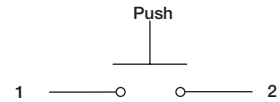
ACTUATOR SHAPE

J SQUARE ACTUATOR

VERTICAL THT - FOR 6.15MM LENGTH ONLY

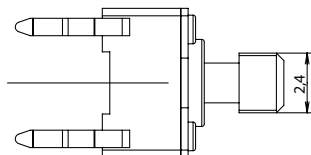
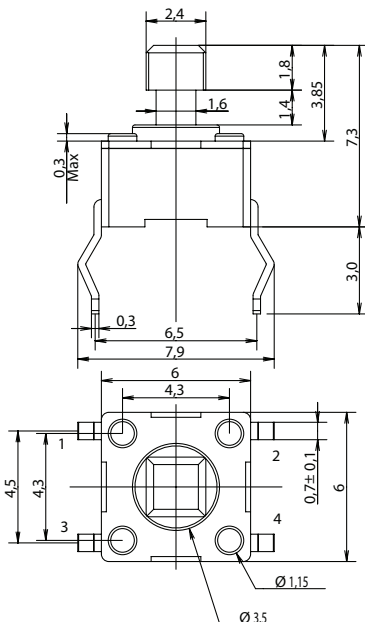


SCHEMATIC

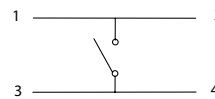


RECOMMENDED PCB LAYOUT

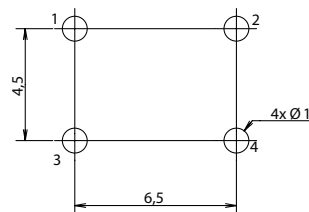
STRAIGHT THT - FOR 7.3MM HEIGHT ONLY



SCHEMATIC



RECOMMENDED PCB LAYOUT

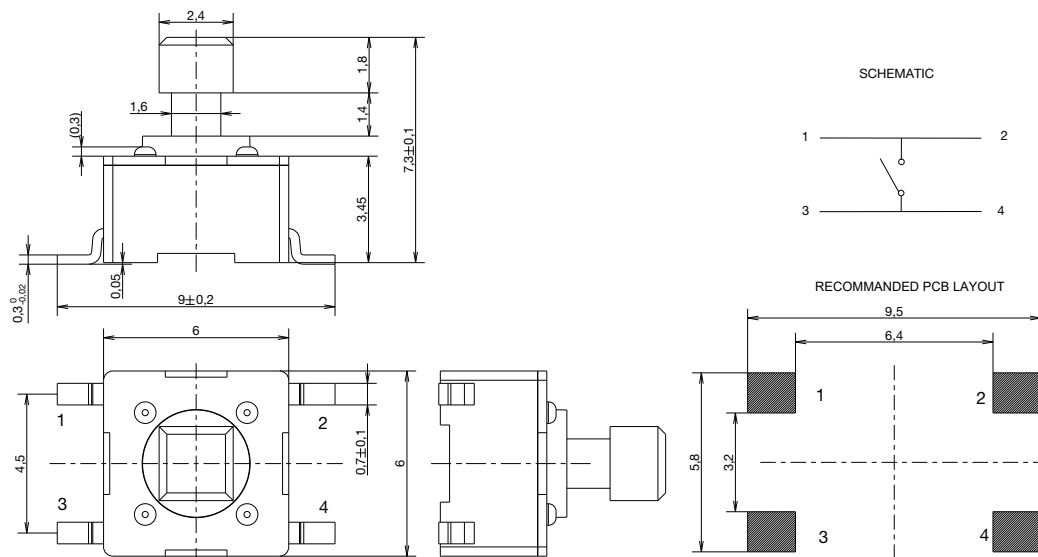


First Angle
Projection

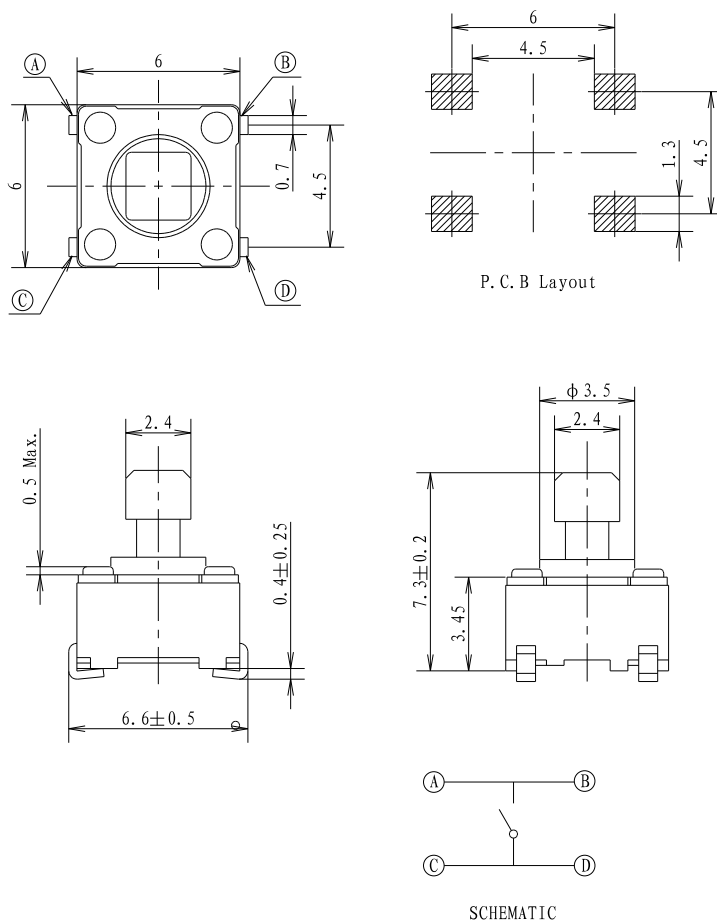
PTS645 Series 6 mm Tact Switches

ACTUATOR SHAPE

STRAIGHT SMT G TYPE - FOR 7.3MM HEIGHT ONLY



STRAIGHT SMT J TYPE - FOR 7.3MM HEIGHT ONLY



Dimensions are shown: mm
Specifications and dimensions subject to change

STRAIGHT SMT - FOR 7.3MM HEIGHT ONLY



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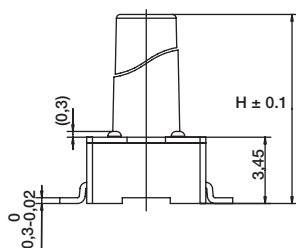
PTS645 Series 6 mm Tact Switches

ACTUATION FORCE

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

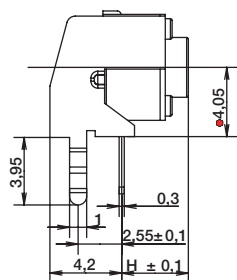
ACTUATOR HEIGHT

Switch height from PCB for S and T only



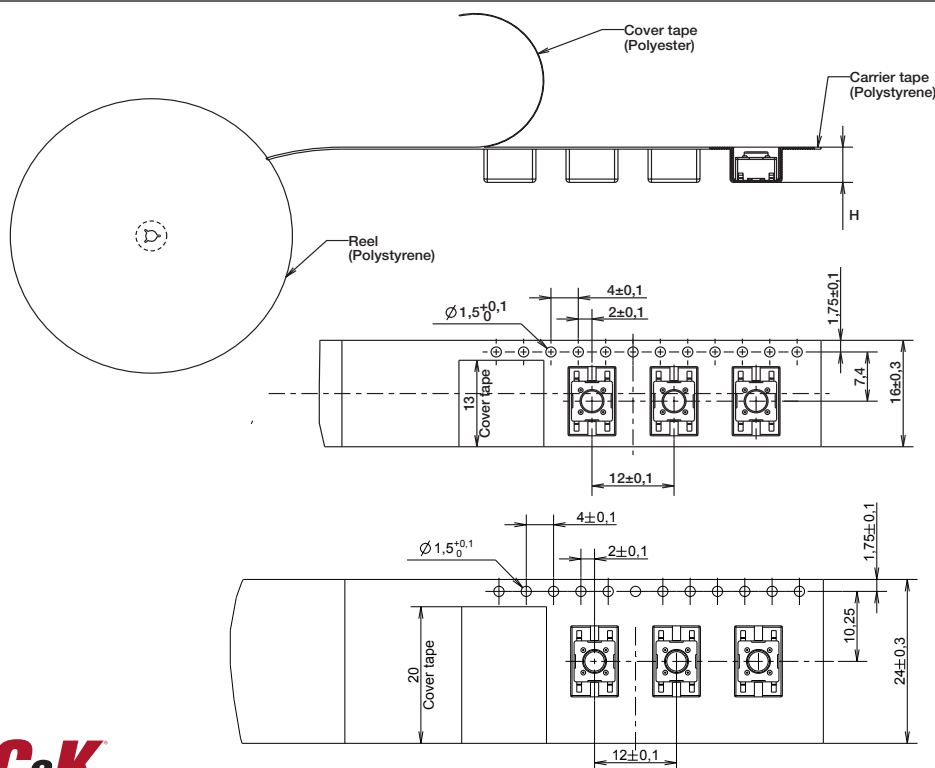
OPTION CODE	DIMENSION H	TERMINATION	SCHEMATIC	
			Without EMC pin	With EMC pin
43	4,3 (.169)	Thru-hole and SMT		
50	5,0 (.197)	Thru-hole and SMT		
70	7,0 (.275)	Thru-hole and SMT		
95	9,5 (.374)	Thru-hole and SMT		
13	13,0 (.512)	SMT		

Switch length from front leads for V only



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

TAPE & REEL FOR SMT G TYPE VERSIONS



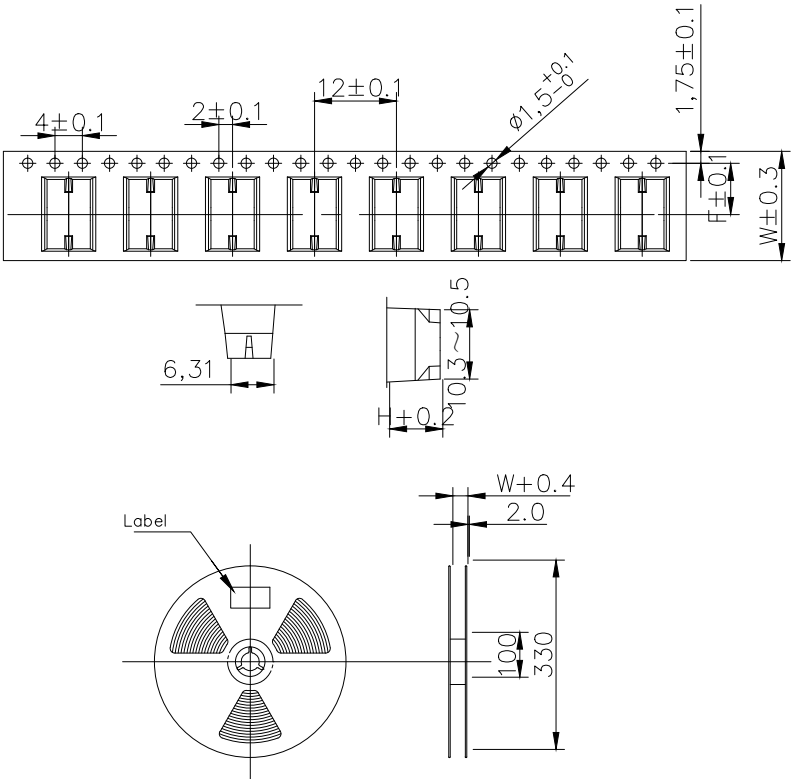
OPTION CODE	WIDTH TAPE	POCKET HEIGHT
43	16 ± 0.3	5.3
50	16 ± 0.3	5.3
70	16 ± 0.3	7.3
73	16 ± 0.3	7.6
95	24 ± 0.3	10.3
13	24 ± 0.3	13.3



Dimensions are shown: mm
Specifications and dimensions subject to change

PTS645 Series 6 mm Tact Switches

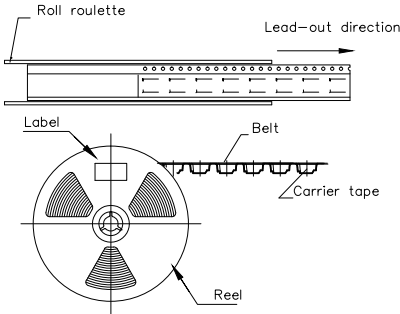
TAPE & REEL FOR SMT J TYPE VERSIONS



Tape specifications

Product height (h)mm	Carrier tape width (W)mm	Center distance of carrier tape (F)mm	pcs/reel
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;



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C&K Switches:

PTS645SM95SMTR92 LFS	PTS645SM70SMTR92 LFS	PTS645SM13SMTR92 LFS	PTS645SK70SMTR92 LFS
PTS645SK95SMTR92 LFS	PTS645SK13SMTR92LFS	PTS645SK95SMTR92LFS	PTS645SM95SMTR92LFS
PTS645SM13SMTR92LFS	PTS645SM70SMTR92LFS	PTS645SK70SMTR92LFS	PTS645SK43SMTR92LFS
PTS645SM43SMTR92LFS	PTS645SH43SMTR92LFS	PTS645SL50SMTR92LFS	PTS645SM50SMTR92LFS
PTS645SH50SMTR92LFS	PTS645SL43SMTR92LFS	PTS645SK50SMTR92LFS	PTS645SL70SMTR92LFS
PTS645SL95SMTR92LFS	PTS645SH70SMTR92LFS	PTS645SL13SMTR92LFS	PTS645SR13SMTR92LFS
PTS645SH13SMTR92LFS	PTS645SH95SMTR92LFS	PTS645SK50SMTR92 LFS	PTS645SK43SMTR92 LFS
PTS645SM43SMTR92 LFS	PTS645SL70SMTR92 LFS	PTS645SL43SMTR92 LFS	PTS645SH50SMTR92 LFS
PTS645SL50SMTR92 LFS	PTS645SM50SMTR92 LFS	PTS645SH43SMTR92 LFS	