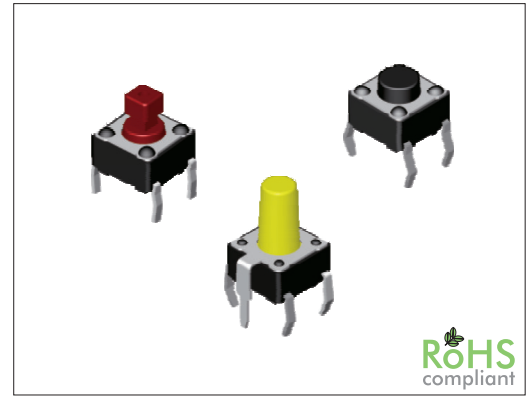


# SW-DTS Series Tactile Microswitch 6x6 mm

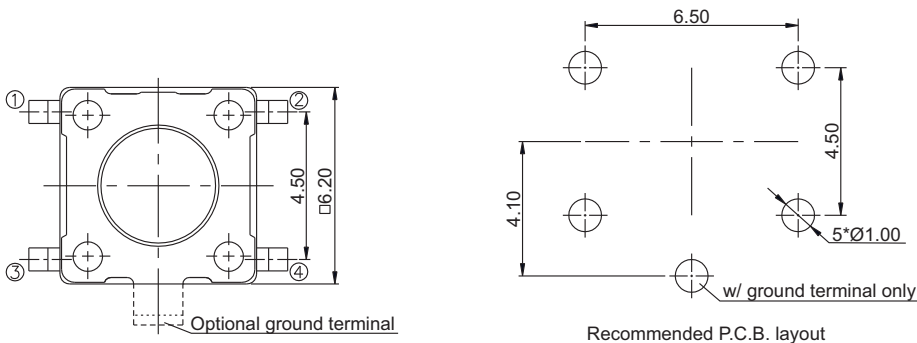
## General specifications

Housing material	Nylon, UL94V-0, color: black
Actuator material	Nylon, UL94V-0
Contact material	Phosphor bronze, plating: silver
Current rating	50 mA
Voltage rating	12 VDC
Contact resistance	100 mΩ max.
Insulator resistance	100 MΩ min. @ 500 VDC
Dielectrical withstanding	250 VAC for 1 min
Operating temperature	-25 °C to +70 °C
Operating force	see table
Durability	see table
Soldering	Lead free wave soldering process

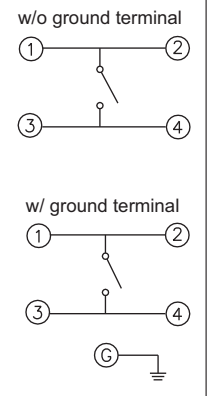


## Mechanical dimensions

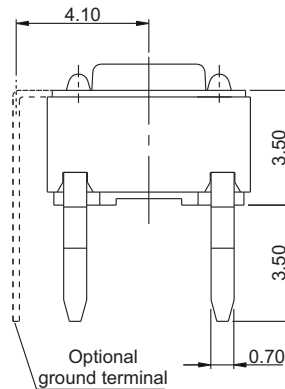
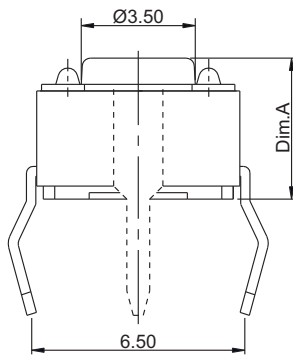
Unit: mm



### Circuit

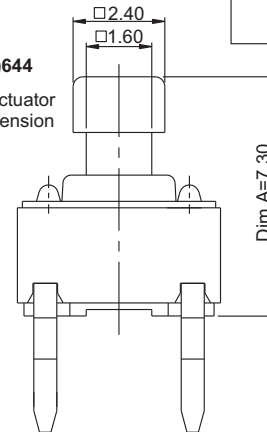


### SW-DTS(G)6x



### SW-DTS(G)644

w/ square actuator for knob extension

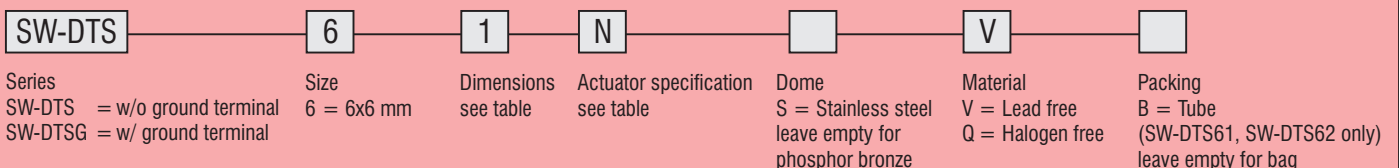


Ordercode dimensions dimensions			
Index	Dim. A	Index	Dim.A
1	4.30	5	9.50
2	5.00	6	13.00
3	7.00	8	11.30
44	7.30	9	19.50

Tolerances	
Linear	± 0.20

Actuator specification					
Code	Color	Operating force	Stroke	Durability Phosphor bronze dome	Durability Stainless steel dome
U	Blue	70±30 gf	0.25	200000 cycles	1000000 cycles
K	Black	100±50 gf	0.25	200000 cycles	1000000 cycles
N	Brown	160±50 gf	0.25	200000 cycles	1000000 cycles
R	Red	260±50 gf	0.25	100000 cycles	500000 cycles
S	Salmon	320±80 gf	0.25	50000 cycles	300000 cycles
Y	Yellow	520±130 gf	0.25	50000 cycles	300000 cycles

## Part numbering guide



\* standard

