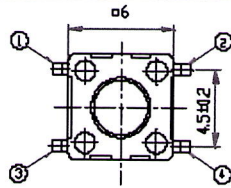


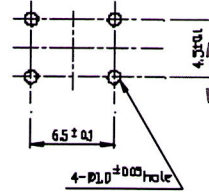
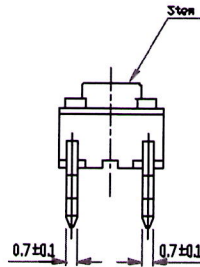
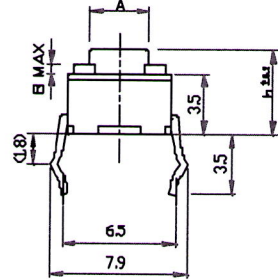
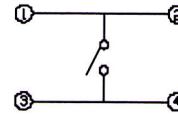
TACTING SWITCH SPECIFICATION



The length	Tolerance range
L ≤ 10	±0.3
10 < L ≤ 100	±0.5
100 < L	±0.6

h	A	B
4.3mm	φ9.5	0.5mm
5mm	φ3.5	
7mm	φ3.3	
9.5mm	φ3	0.7mm
13mm	φ3	
17mm	φ3	

Circuit diagram



Printed circuit board mounting hole dimensions

The rust of the cut-edge surface and the nottle is acceptable

unit: mm

MODEL	DIM-h	STEM COLOR	ACTUATING FORCE(gf)	RETURN FORCE(gf)	SHAPE	
TSAA-1L	4.3	BLACK	100±50	10 Min		
TSAA-2L	4.3	DARK GRAY	160±50	50 Min		
TSAA-3L	4.3	RED	260±70	50 Min		
TSAB-1L	5.0	BLACK	100±50	10 Min		
TSAB-2L	5.0	DARK GRAY	160±50	50 Min		
TSAB-3L	5.0	RED	260±70	50 Min		
TSAC-1L	7.0	BLACK	100±50	10 Min		
TSAC-2L	7.0	DARK GRAY	160±50	50 Min		
TSAC-3L	7.0	RED	260±70	50 Min		
TSAD-1L	9.5	BLACK	100±50	10 Min		
TSAD-2L	9.5	DARK GRAY	160±50	50 Min		
TSAD-3L	9.5	RED	260±70	50 Min		
TSAE-1L	13	BLACK	100±50	10 Min		
TSAE-2L	13	DARK GRAY	160±50	50 Min		
TSAE-21L	13	BLACK	160±50	50 Min		
TSAE-3L	13	RED	260±70	50 Min		
TSAF-1L	17	BLACK	100±50	10 Min		
TSAF-2L	17	DARK GRAY	160±50	50 Min		
TSAF-21L	17	BLACK	160±50	50 Min		
TSAF-3L	17	RED	260±70	50 Min		
			APPD	CHKD	DSGD	PART NO: TSA _ _ L
ZONE	SYMB	DATE	APPD	CHKD	DSGD	