

# LEVER switch



TSCA type

TSCA02 Series



(size : 11.8×11.8×2.3)

Surface mount Type

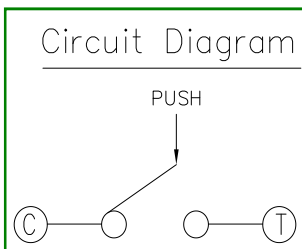
### ■ Features

- Lever and push operation type lever switch.
- Feedback for push and side action.
- Compact size allows high-density components mounting.
- With guide boss structure.

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### ■ Applications

- Compact, portable units.
- For selecting modes of digital camcorders, digital cameras.
- Mobile devices such as PAD, mobilephones.
- Operating signal input switch, etc.



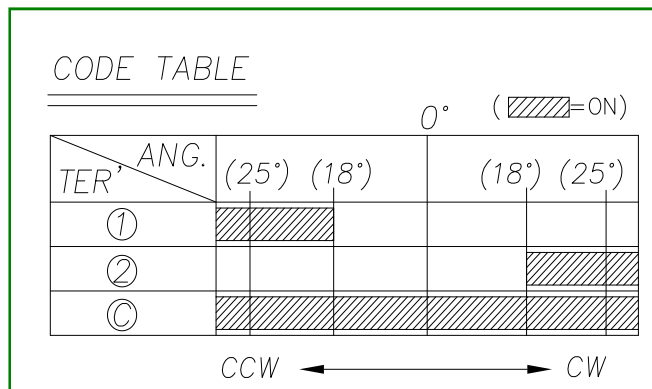
### ■ Main Specifications

Rating	10mA 5V DC	
Travel	0.9mm Min	
Operating temperature	-20°C~70°C (45%~85% RH)	
Operating Force	Lever portion:70gf	Push portion:200gf
Operating Life(Cycle)	100,000	

### ■ Products Line

TSCA02 - □□□□□  
(Products No.)

Products No.	Operating direction	Lever type	Guide Boss	Drawing No
WABWO	Horizontal	W-Lever	With	1
WBGWW	Horizontal	A-Lever	With	2



■ Dimensions

TSCA02-□□□□□

No.	3D Style	Dimension Type (Unit : mm) & PCB pattern dimension
1	WABWO	<p>Technical drawing of the WABWO component. The top view shows a semi-circular shape with a diameter of 11.8 mm. The outer edge has a radius of R7.4 and R7.7. The total height is 11.8 mm, with a central section of 8.7 mm and a bottom section of 4.1 mm. The component is designed for clockwise (CW) and counter-clockwise (CCW) rotation, with a 'PUSH' force applied. A 'Push portion' of 0.9 mm minimum is indicated. The side view shows a thickness of 1.8 mm and a diameter of <math>\phi 1.0</math> mm. The PCB layout shows two <math>\phi 1.10</math> holes with a spacing of 12.4 mm between the hole centers and 9.2 mm from the center to the hole edge. The PCB dimensions include 0.2 mm hole diameter, 1.8 mm hole spacing, 4.7 mm total width, 2.9 mm hole offset, 3.1 mm hole diameter, and 1.9 mm hole diameter.</p>
2	WBGWW	<p>Technical drawing of the WBGWW component. The top view shows a semi-circular shape with a diameter of 11.8 mm. The outer edge has a radius of R7.60. The total height is 11.7 mm, with a central section of 8.7 mm and a bottom section of 4.1 mm. The component is designed for clockwise (CW) and counter-clockwise (CCW) rotation, with a 'PUSH' force applied. The side view shows a thickness of 1.8 mm and a diameter of <math>\phi 1.0</math> mm. The PCB layout shows two <math>\phi 1.10</math> holes with a spacing of 12.4 mm between the hole centers and 9.2 mm from the center to the hole edge. The PCB dimensions include 0.2 mm hole diameter, 1.8 mm hole spacing, 4.7 mm total width, 2.9 mm hole offset, 3.1 mm hole diameter, and 1.9 mm hole diameter.</p>

