CFP2

■ Terminal Pins: Straight
■ Actuator Color: Gray

Ultra-Miniature Pushbutton Switches

Washable

RoHS Compliant

■ Features

1. Ultra-miniature pushbutton switch for high density mounting.
2. Washable.
3. Terminal pin pitch: 2.54 mm.
4. Independent detent mechanism ensures light operational feel.
5. Clip contact mechanism for long-term contact reliability.
6. Gold-plated contacts.

■ Specifications

Rating	Max.	0.4VA（28VDC max.）
	Min.	1μA 20mVDC
Initial contact resistance		100mΩ max. （1.5mA 200μVAC）
Dielectric strength		250VAC 1 minute
Insulation resistance		500MΩ min. （250VDC）
Electrical life		10,000 operations at max.rating, 30,000 operations at min.rating,
Mechanical life		30,000 cycles
Operating force		1.47±0.98N
Operating temperature range		−40〜+85℃
Storage temperature range		−40〜+85℃

■ Part Numbering

CFP2 － 2 R C4 － A W

| Series Actuator | Number of poles | Switching function | Terminal style | Actuator shape | Packaging spec |

Series Actuator

Code	Type
P	Pushbutton

Number of poles

Fig.	Number of poles
1	1 pole
2	2 poles

Switching function

1 pole	2 poles	Switching function
F	R	ON － （ON）

Terminal style

Fig.	Terminal style
C	P/C
C4	Right angle
C6	Vertical mounting

Actuator shape

Code	Actuator shape
A	Standard

Packaging spec

Code	Packaging spec
W	Tray

Terminal style of c（Style：PC Terminal）

Terminal style of c4（Style：R/A Terminal）

Terminal style of c6（Style：V/M Terminal）

（ON）：Momentary.
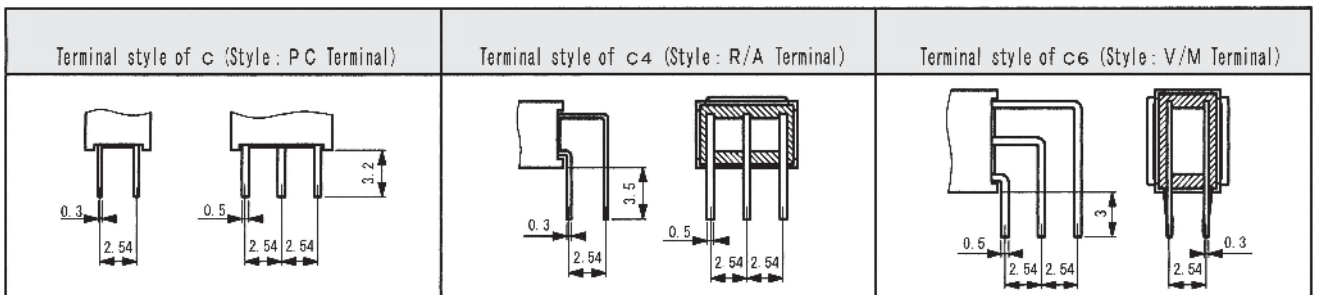
CFP2

SPDT
PC

Terminal numbers are not shown on the switch.

5-φ0.6~0.8

(Top view)
PC Hole Layouts
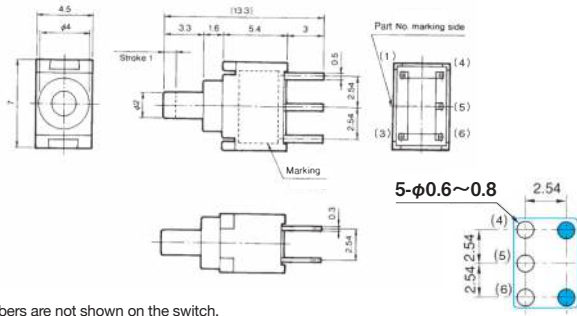
	Switching function		
Part No.			
CFP2-1FC-AW		ON	（ON）
Connecting terminals		5－6	5－4

DPDT
PC

Terminal numbers are not shown on the switch.

6-φ0.6~0.8

(Top view)
PC Hole Layouts
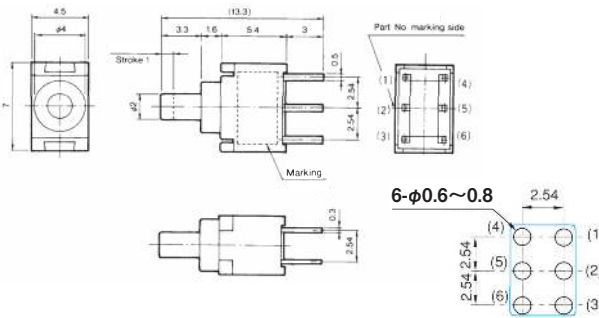
	Switching function		
Part No.			
☆**CFP2-2RC-AW**		ON	（ON）
Connecting terminals		2－3 5－6	2－1 5－4

SPDT
R/A

Terminal numbers are not shown on the switch.

5-φ0.6~0.8
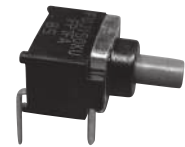
(Top view)
PC Hole Layouts
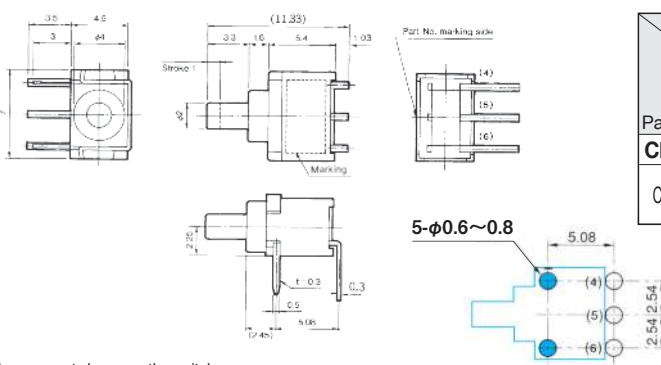
	Switching function		
Part No.			
CFP2-1FC4-AW		ON	（ON）
Connecting terminals		5－6	5－4

DPDT
R/A

Terminal numbers are not shown on the switch.

8-φ0.6~0.8

(Top view)
PC Hole Layouts
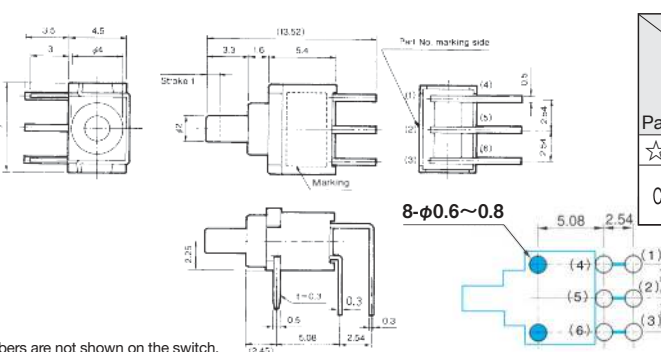
	Switching function		
Part No.			
☆**CFP2-2RC4-AW**		ON	（ON）
Connecting terminals		2－3 5－6	2－1 5－4

※ The above PC Hole Layouts are top view drawings.

■Optional Accessories

《Sold separately》

Part Name	Dimension	Color	Part Number
Color Cap	Gloss finish	White	**140000481453**
		Red	**140000481452**
		Black	**140000481451**
	ABS resin	Gray	**140000481450**

■Color Cap Mounting

🟦 :Optional Accessories.　　　⬜ The blue line shows the outline of the switch.　　　（ON）：Momentary.　　　☆：Semi-standard products.

SPDT
V/M

Terminal numbers are not shown on the switch.
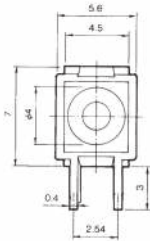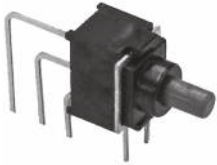
Switching function / Part No.		
CFP2-1FC6-AW	ON	（ON）
Connecting terminals	5－6	5－4

5-φ0.8

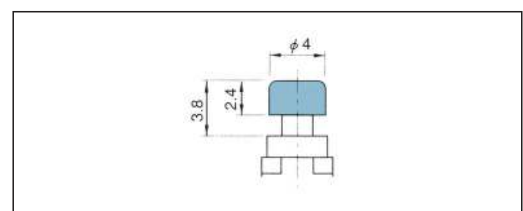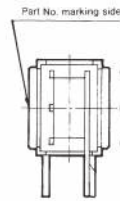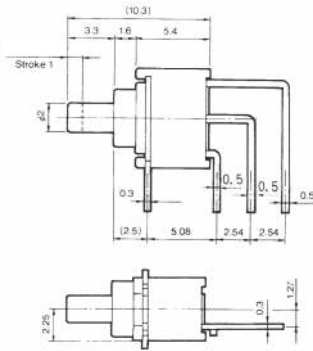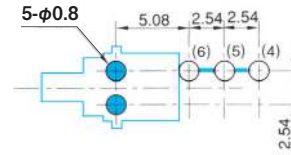（Top view）
PC Hole Layouts

DPDT
V/M

Terminal numbers are not shown on the switch.
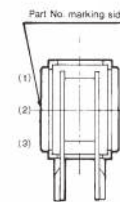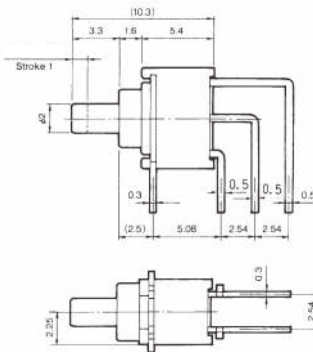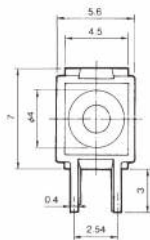
Switching function / Part No.		
☆**CFP2-2RC6-AW**	ON	（ON）
Connecting terminals	2－3 5－6	2－1 5－4

8-φ0.8
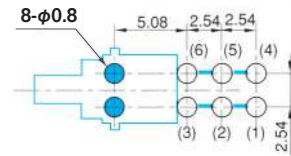
（Top view）
PC Hole Layouts

※ The above pcb hole dimengion, it is a top view drawiing when we fix the switch.

■**Handling Specifications（CFP2）**

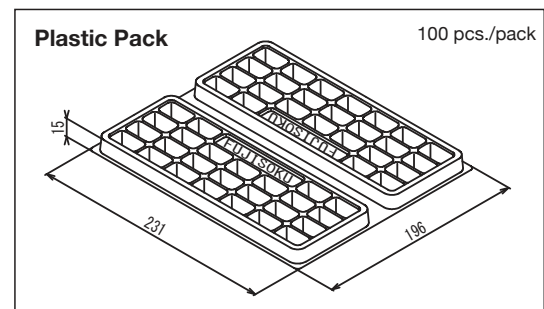### 1. Soldering Specifications

（1）Manual Soldering
   Device : Soldering iron
   350°C, Max.; 3 seconds, Max.
（2）Auto Soldering
   Device : Jet wave type or dip type
   260°C, Max.; 3-5 seconds, Max. (One time)
   Total dip time: Within 10 seconds
   ・Pre-heating should be done at temperatures from
    80°C to 120°C and within 120 seconds
（3）When soldering two or more terminals to a common
  land, use solder resist to separate them

2. Flux Cleaning

（1）Solvents : Fluorine or Alcohol type
（2）Cleaning after soldering should be done after the
   PC board is exposed to room temperature (30°C
   or below) for 1 to 2 hours.
（3）Do not use ultrasonic cleaning.

■**Packaging Specifications**

Plastic Pack   100 pcs./pack

☐ The blue line shows the outline of the switch.　　（ON）：Momentary.　　☆：Semi-standard products.