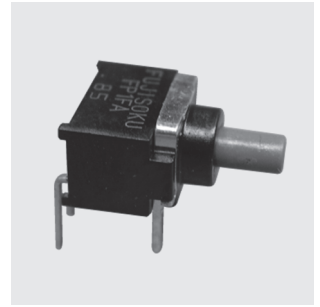


CFP2

- 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.	0.4 VA (28 VDC max.)
	Min.	1 μ A 20 mVDC
Initial contact resistance	100 m Ω max. (1.5 mA 200 μ VAC)	
Dielectric strength	250 VAC 1 minute	
Insulation resistance	500 M Ω min. (250 VDC)	
Electrical life	10,000 operations at max.rating 30,000 operations at min.rating	
Mechanical life	30,000 cycles	
Operating force	1.47 \pm 0.98 N	
Operating temperature range	-40~+85 $^{\circ}$ C	
Storage temperature range	-40~+85 $^{\circ}$ C	

Part Numbering

CFP2		2	R	C4	A	W						
Series Actuator		Number of poles	Switching function	Terminal style	Actuator shape	Packing form						
Code	Type	Fig.	Number of poles	1 pole	2 poles	Switching function	Fig.	Terminal style	Code	Actuator shape	Code	Packing form
P	Pushbutton	1	1 pole	F	R	ON - (ON)	C	PC Straight	A	Standard	W	Tray
		2	2 poles				C4	Right angle				
							C6	Vertical mounting				

Terminal style of c (Style : P/C Terminal)	C4 Terminal style of c4 (Style : R/A Terminal)	Terminal style of c6 (Style : V/M Terminal)

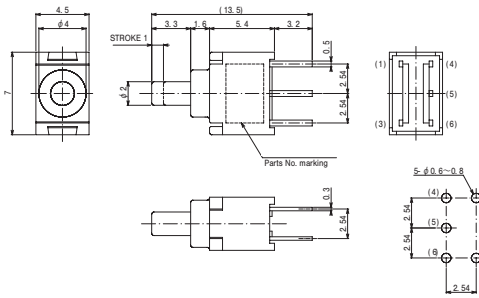
CFP2

SPDT

PC



Terminal numbers are not shown on the switch.



(Top view)
PC Hole Layouts

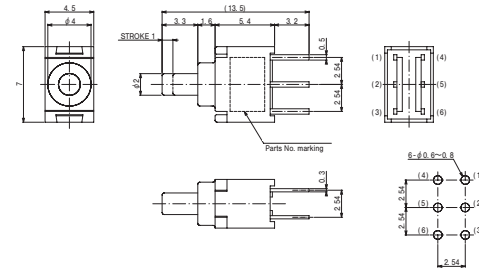
Switching function		
Part No.	CFP2-1FC-AW	(ON)
Connecting terminals	5-6	5-4

DPDT

PC



Terminal numbers are not shown on the switch.

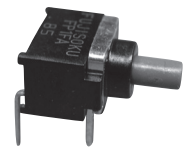


(Top view)
PC Hole Layouts

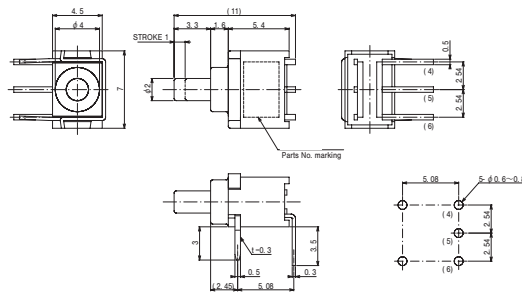
Switching function		
Part No.	☆CFP2-2RC-AW	(ON)
Connecting terminals	2-3 5-6	2-1 5-4

SPDT

R/A



Terminal numbers are not shown on the switch.

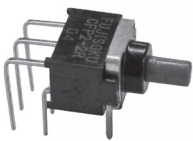


(Top view)
PC Hole Layouts

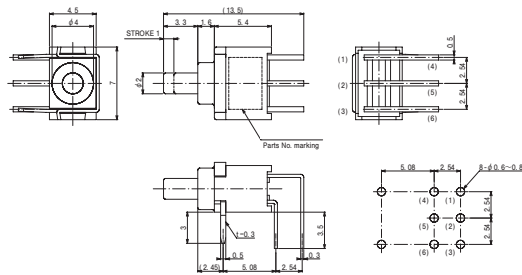
Switching function		
Part No.	CFP2-1FC4-AW	(ON)
Connecting terminals	5-6	5-4

DPDT

R/A



Terminal numbers are not shown on the switch.



(Top view)
PC Hole Layouts

Switching function		
Part No.	☆CFP2-2RC4-AW	(ON)
Connecting terminals	2-3 5-6	2-1 5-4

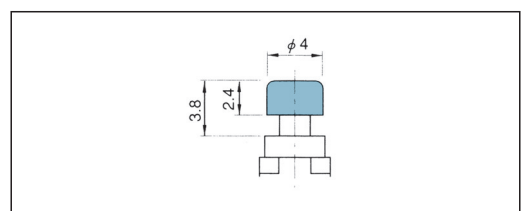
※ The above PC Hole Layouts are top view drawings.

Optional Accessories

《Sold separately》

Part Name	Dimension	Color	Part Number
Color Cap		White	140000481453
		Red	140000481452
		Black	140000481451
		Gray	140000481450

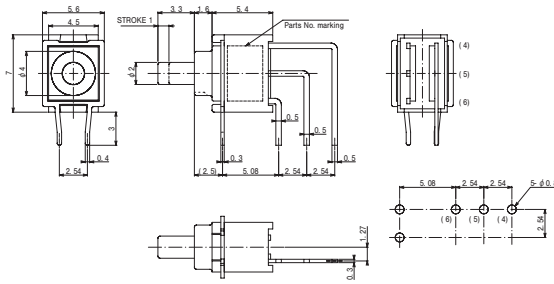
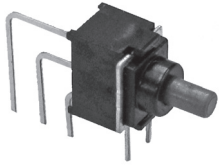
Color Cap Mounting



:Optional Accessories. (ON) : Momentary. ☆ : Semi-standard products.

SPDT

V/M



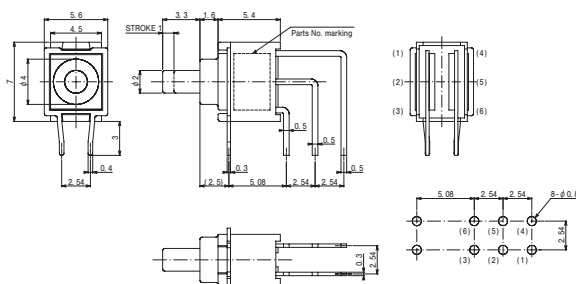
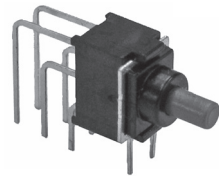
Terminal numbers are not shown on the switch.

(Top view)
PC Hole Layouts

Switching function		
Part No.		
CFP2-1FC6-AW	ON	(ON)
Connecting terminals	5-6	5-4

DPDT

V/M



Terminal numbers are not shown on the switch.

(Top view)
PC Hole Layouts

Switching function		
Part No.		
☆ CFP2-2RC6-AW	ON	(ON)
Connecting terminals	2-3 5-6	2-1 5-4

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

Handling Specifications

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

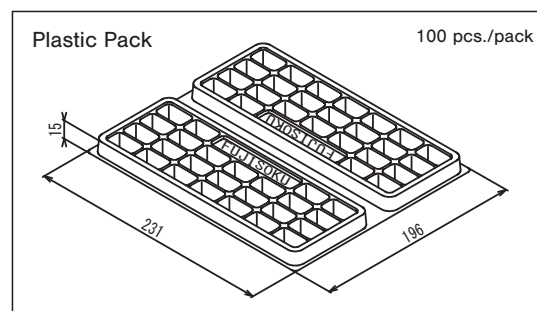
- Pre-heating should be done at temperatures from 80°C to 120°C and within 120 seconds

(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



(ON) : Momentary.

☆ : Semi-standard products.