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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		100m Ω 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

Code	Type
P	Pushbutton

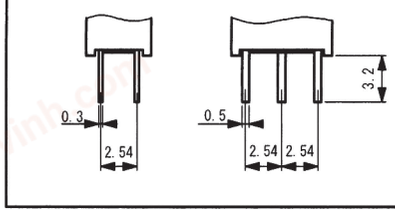
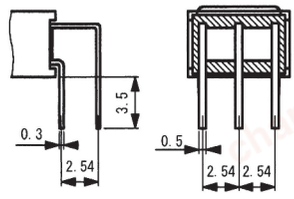
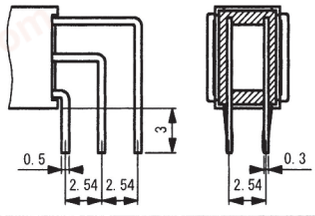
Fig.	Number of poles
1	1 pole
2	2 poles

1 pole	2 poles	Switching function
F	**R**	ON — (ON)

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

Code	Actuator shape
A	Standard

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.

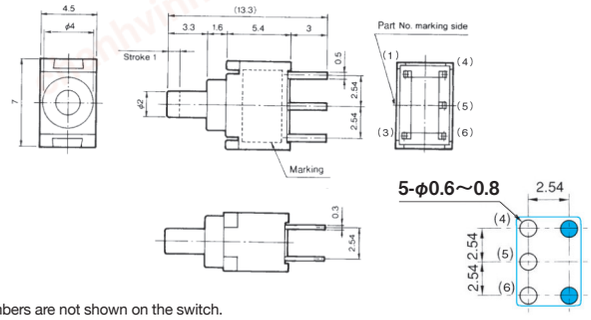
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CFP2

SPDT

PC





Terminal numbers are not shown on the switch.

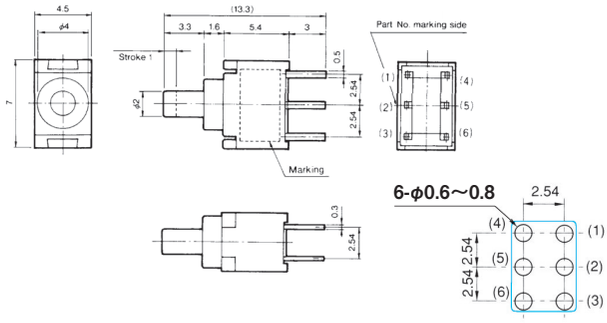
Part No. \ Switching function		
CFP2-1FC-AW	ON	(ON)
Connecting terminals	5－6	5－4

(Top view)
PC Hole Layouts

DPDT

PC





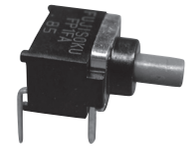
Terminal numbers are not shown on the switch.

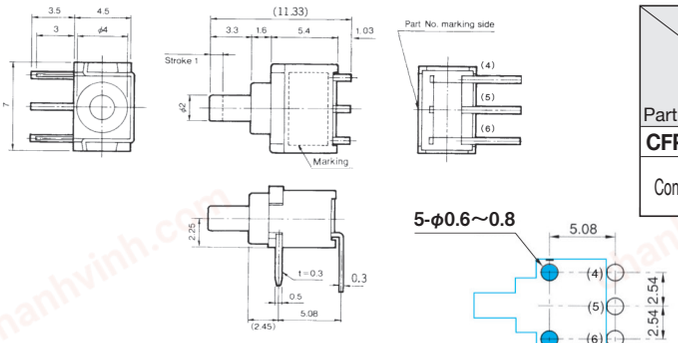
Part No. \ Switching function		
☆**CFP2-2RC-AW**	ON	(ON)
Connecting terminals	2－3 5－6	2－1 5－4

(Top view)
PC Hole Layouts

SPDT

R/A





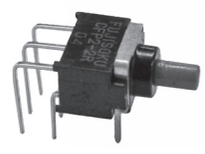
Terminal numbers are not shown on the switch.

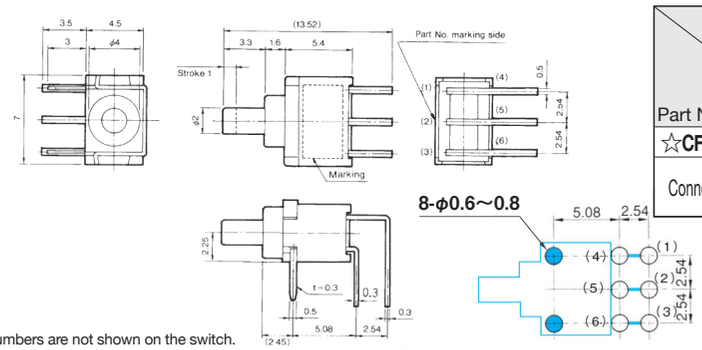
Part No. \ Switching function		
CFP2-1FC4-AW	ON	(ON)
Connecting terminals	5－6	5－4

(Top view)
PC Hole Layouts

DPDT

R/A





Terminal numbers are not shown on the switch.

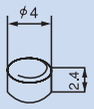
Part No. \ Switching function		
☆**CFP2-2RC4-AW**	ON	(ON)
Connecting terminals	2－3 5－6	2－1 5－4

(Top view)
PC Hole Layouts

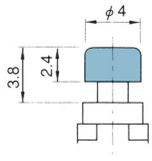
※ The above PC Hole Layouts are top view drawings.

■Optional Accessories

《Sold separately》

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

■Color Cap Mounting

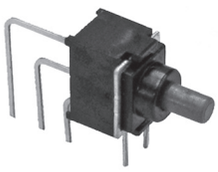


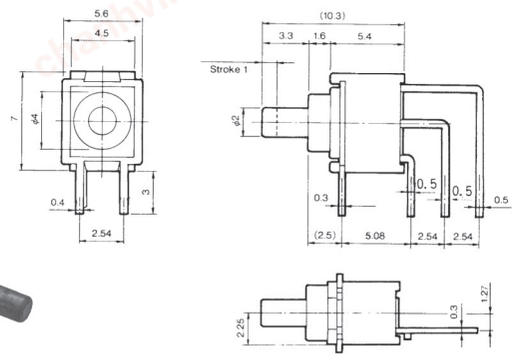
:Optional Accessories.　The blue line shows the outline of the switch.　(ON)：Momentary.　☆：Semi-standard products.

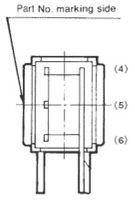
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SPDT

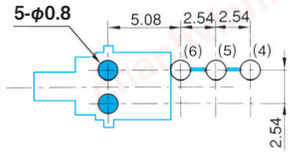
V/M







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

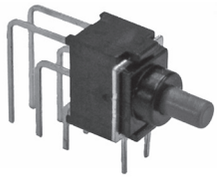


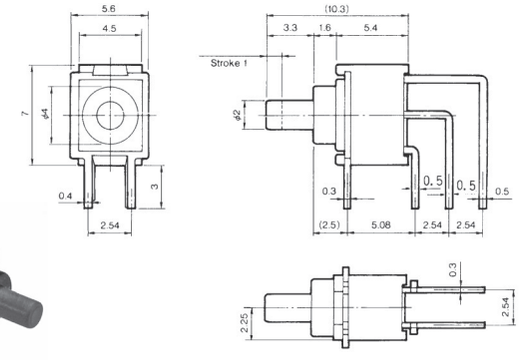
Terminal numbers are not shown on the switch.

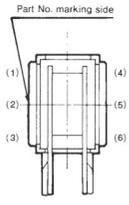
(Top view)
PC Hole Layouts

DPDT

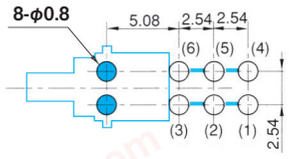
V/M







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



Terminal numbers are not shown on the switch.

(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

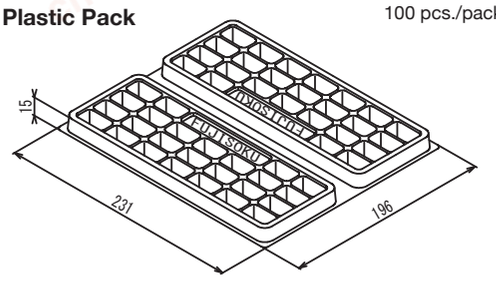
(1)Solvents : Fluorine or Alcohol type

(2)Cleaning after soldering should be done after the PC board is exposed to room temperature (30℃ 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.