

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°C	
Storage temperature range	-40~+85°C	

■ 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

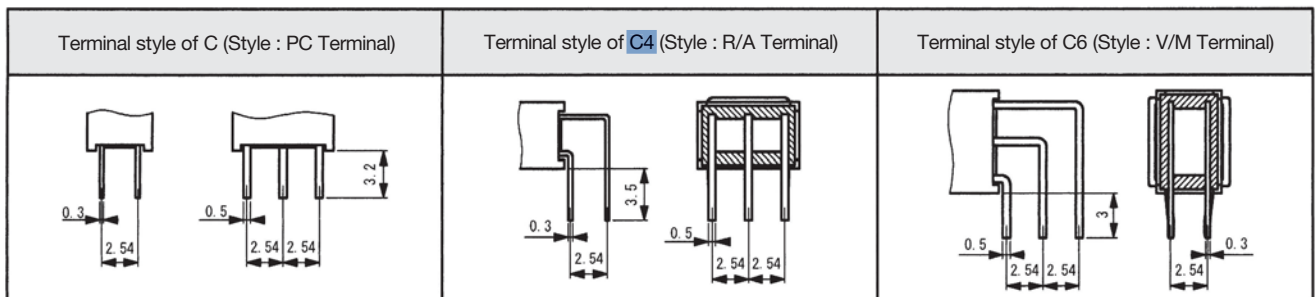
Fig.	Number of poles
1	1 pole
2	2 poles

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

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

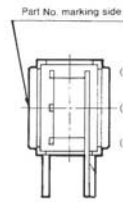
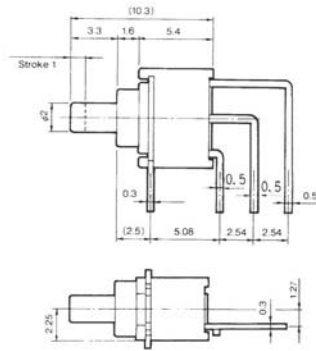
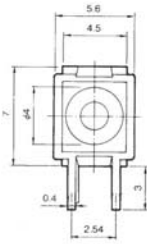
Code	Actuator shape
A	Standard

Code	Packaging spec
W	Tray

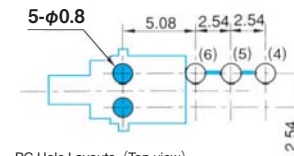


CFP2

SPDT V/M



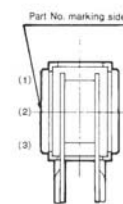
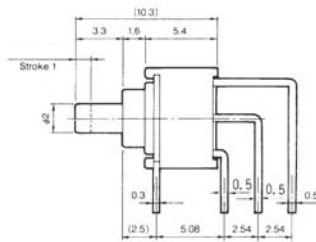
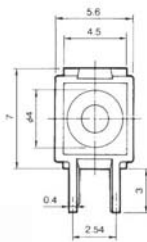
Switching function		
Part No.	CFP2-1FC6-AW	
Connecting terminals	5-6	5-4



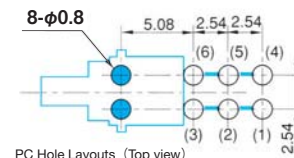
Terminal numbers are not shown on the switch.

PC Hole Layouts (Top view)

DPDT V/M



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



Terminal numbers are not shown on the switch.

PC Hole Layouts (Top view)

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

■ Handling Specifications (CFP2)

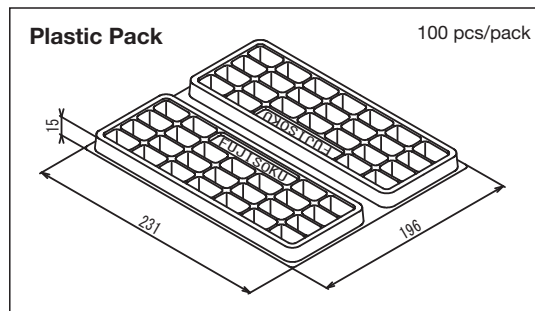
1. Soldering Specifications

- (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



The blue line shows the outline of the switch.

(ON) : Momentary.

☆ : Semi-standard products.