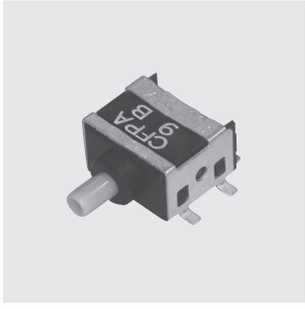
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CFPA

Surface Mount Pushbutton Switches

Washable

RoHS Compliant



■Features

1. Compatible with Reflow Soldering
2. Washable
3. Gold-Plated Contacts for Low Current Application
4. Clip Contact Mechanism for High Contact Reliability

■ Specifications

Rating	Max.	0.4VA (28VDC max.) (Resistive load)
	Min.	1μA 20mVDC (Resistive load)
Initial contact resistance		80mΩ max. (1.5mA 1kHz 20mV min.)
Dielectric strength		500VAC 1 minute
Initial insulation resistance		500MΩ min. (500VDC)
Stroke		1.1 mm
Operating force		1.5N ± 1N
Electrical life		50,000 operations at max. rating
Switch timing		Non-shorting
Operating temperature range		−40℃ ~ +85℃
Storage temperature range		−40℃ ~ +85℃

■Part Numbering

CFPA — 1 F B4 — A 2 T

- CFPA: Series code & Acutuator
- 1: Number of poles
- F: Switching function
- B4: Terminal style
- A: Actuator shape
- 2: Contact material
- T: Packaging specifications

Code	Type
P	Pushbutton

Fig.	Number of poles
1	1 pole

Code	Switching function
F	ON — (ON)

Fig.	Terminal style
B4	Gull wing R/A

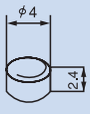
Code	Actuator shape
A	Standard

Fig.	Contact material
2	Gold plated

Code	Packaging specifications
T	Taping
W	Tray

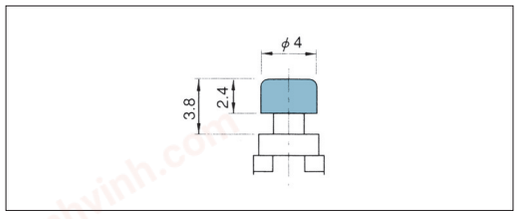
■Optional Accessories

《Sold separately》

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

The color cap should be installed after the reflow soldering and washing process.

■Color Cap Mounting



(ON) : Momentary.

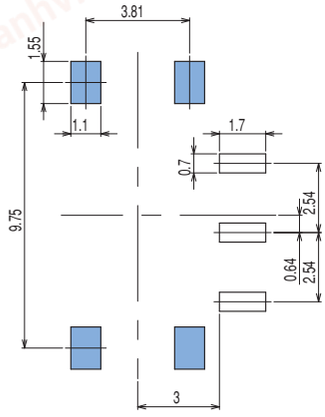
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■Switching function

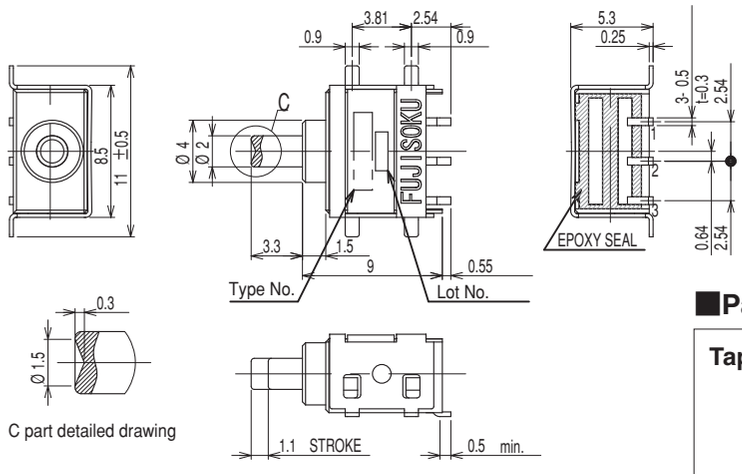
Part No. \ Switching function		
CFPA−1FB4−A2■	ON	(ON)
Connecting terminals	2−3	2−1

■ : Packing specifications T or W (ON) : Momentary

■Pad Layouts



■Dimension

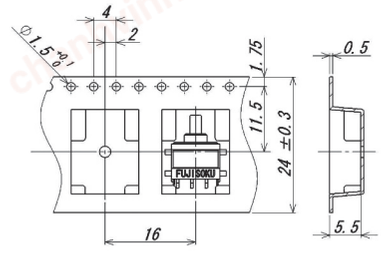


■Table of Part Numbers

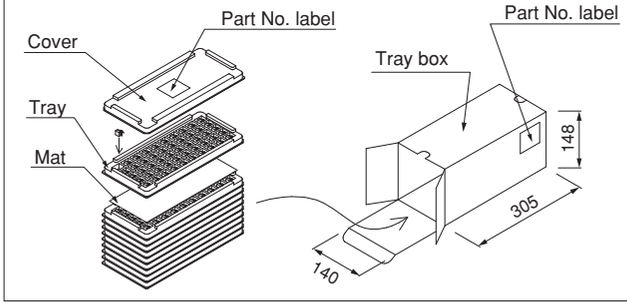
Packaging specifications	Part No.
Taping	**CFPA−1FB4−A2T**
Tray	**CFPA−1FB4−A2W**

■Packaging Specifications

Taping 500 pcs/reel

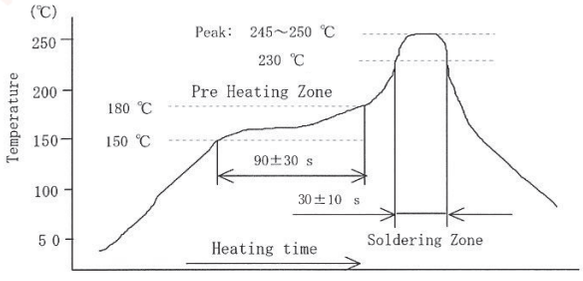


Tray 50 pcs/tray



■Soldering Specifications

(1) Reflow Soldering



Apply reflow soldering: 2 times max.

(2) Manual Soldering
Device : Soldering iron
Max.: 3-4 seconds. Max.

■Flux Cleaning

(1) For the solvent, use water or alcohol. In addition, pay careful attention to use the solvent.
(2) The cleaning method is limited to immersion cleaning only. The cleaning time is 2 minutes, max, but be sure to minimize the time as much as possible.
(3) To clean the switch after soldering, wait until the switch temperature has cooled down to room temperature (30℃ or below).
(4) The product must be dried sufficiently after cleaning. Improper drying may result in fluctuation in torque or electrical damage.