

CF-LA

High In-Rush Rocker Switches

Simple Dustproof

UL

C-US UL

ENEC

RoHS Compliant



Features

1. High in-rush rocker switch
2. Rush Solder Terminals
3. Five types of terminal (Solder, Tab, PC Straight, R/A and L/A)
4. Simple dustproof structure (IP40 rating)
5. C-US UL , UL (TV-8) and ENEC approved products.

Approvals

C-US UL、UL : E43275

ENEC : 1312466

Specifications

Rating	Max.	16A125VAC or 16A250VAC (Resistive load)
	Min.	5VAC / DC 10mA
Initial contact resistance		20mΩ max.
Initial Dielectric strength		1500VAC 1minute
Initial insulation resistance		100MΩ min.
Operating force		1~8N
Electrical life		20,000 cycles
Operating temperature range		-25~+85°C
Storage temperature range		-40~+85°C

Part Numbering

CF-LA — 2 K Z2 — 1 C

Series code Number of poles Switching function Terminal style Roker design Packaging spec

Fig.	Number of poles
1	1 pole
2	2 poles

Code	Switching function
A	ON — OFF
K	ON — OFF

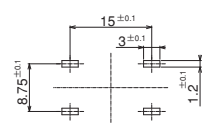
Code	Terminal style
C	PC Straight
C4	PC-R/A
C5	PC-L/A
L	Solder Terminals
Z2	TAB:#250

Fig.	Roker design
1	Unfigured
2	
3	

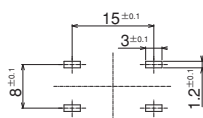
Fig.	Roker design
—	
5	
—	

Code	Packaging spec
Blank	Plastic bags
C	Card board Tray

PC Hole Layouts

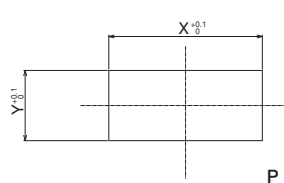


PC

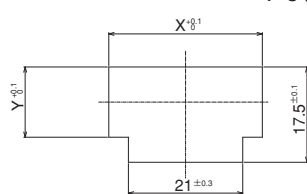


R / A、L / A

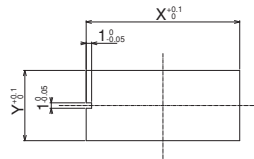
Panel Cut-Out Dimensions



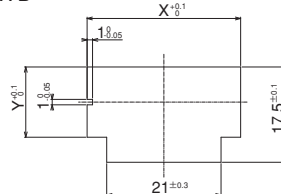
PC、TAB



R / A、L / A



R / A

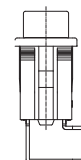


R / A

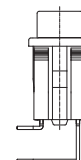
Panel thickness	X	Y
0.75~1.25	28.2	12.9
1.25以上~2	28.4	12.9
2~3	28.8	12.9

Terminal Styles

Solder Terminals (Style:L)	TAB#250 (Style:Z2)	PC Straight (Style:C)	R/A (Style:C4) L/A (Style:C5)



R/A

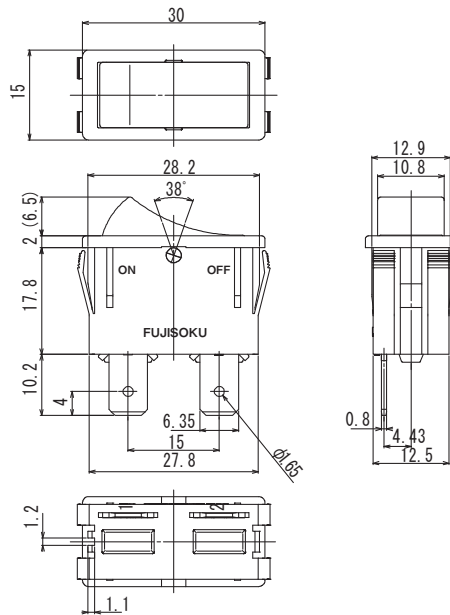


L/A

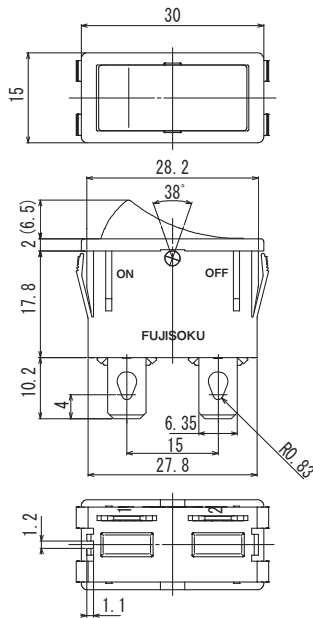
※ For the L/A terminal, only two poles are available.

Outline dimensions

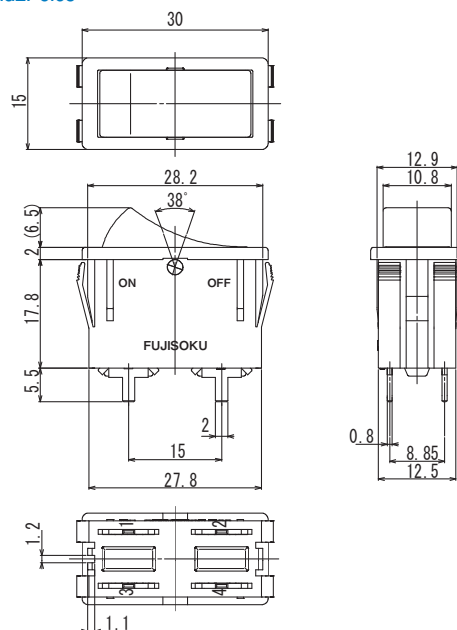
● Tab: #250 1Pole



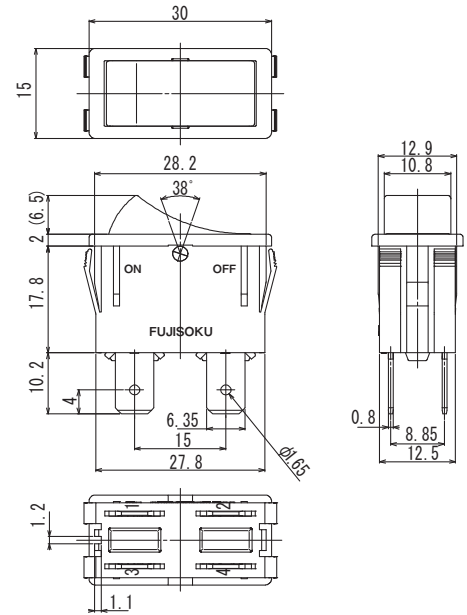
● Solder 1Pole



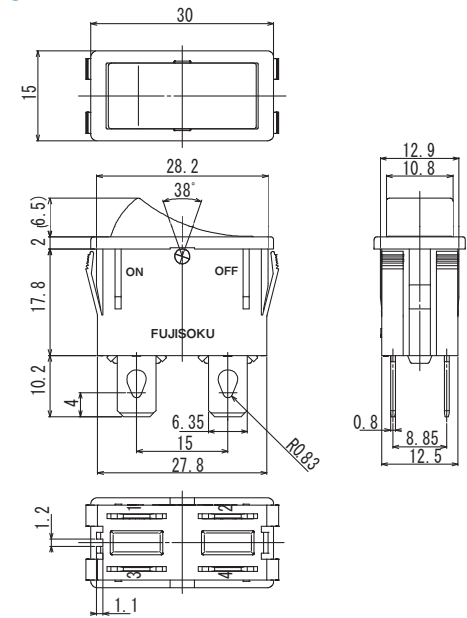
● P/C 1and2Poles



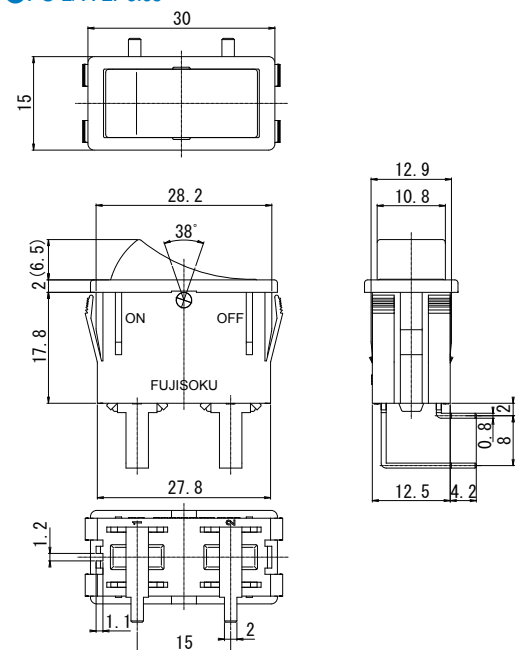
● Tab: #250 2Poles



● Solder 2Poles



● PC-L/A 2Poles



List part numbers

Number of poles	Switching function	Terminal style	Rocker design			Pieces in package	Packaging spec
			No marking	●	○		
1 Pole	ON—OFF	PC-R/A	—	—	CF-LA-1AC4-3C	100pcs./pack	Card board Tray
		Solder Terminals	CF-LA-1AL-1C	CF-LA-1AL-2C	—		
		Tab:#250	CF-LA-1AZ2-1C	—	CF-LA-1AZ2-3C		
2 Poles	ON—OFF	PC Straight	—	—	CF-LA-2KC-3C		
		PC-L/A	—	—	CF-LA-2KC5-3C		
		Solder Terminals	CF-LA-2KL-1C	—	—		
1 Pole	ON—OFF	Tab:#250	CF-LA-2KZ2-1C	—	CF-LA-2KZ2-3C	5pcs./pack	Plastic bags
		PC-R/A	—	—	CF-LA-1AC4-3		
		Solder Terminals	CF-LA-1AL-1	CF-LA-1AL-2	CF-LA-1AL-3		
2 Poles	ON—OFF	Tab:#250	CF-LA-1AZ2-1	—	CF-LA-1AZ2-3		
		—	—	CF-LA-2KZ2-2	CF-LA-2KZ2-3		
		—	—	—	—		

Number of poles	Switching function	Terminal style	Rocker design			Pieces in package	Packaging spec
			—	— ○	—		
2 Poles	ON—OFF	Tab:#250	—	CF-LA-2KZ2-5C	—	100pcs./pack	Card board Tray
2 Poles	ON—OFF	PC Straight	—	CF-LA-2KC-5	—	5pcs./pack	Plastic bags
		Tab:#250	—	CF-LA-2KZ2-5	—		

Soldering Specifications

(1) Auto Soldering

Device : Jet wave type or dip type
260°C ; 5-6 seconds, Max.

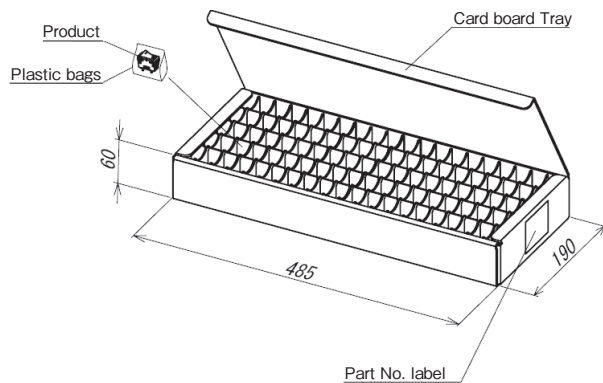
- Pre-heating should be done at temperatures ranging from 80°C to 150°C and within 2 or 3 minutes
The auto soldering is applicable to the PC terminals only.

(2) Manual Soldering

Device : Soldering iron
380°C, Max.; 3 seconds, Max.

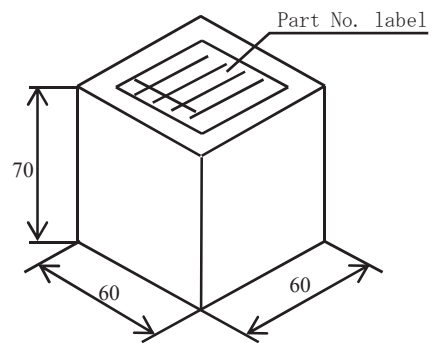
Packing Specification

Card board Tray(100pcs. / pack)



Plastic bags (5pcs. / pack)

[Product packaging box]



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Nidec:

[CF-LA-1AC4-3C](#) [CF-LA-1AL-1C](#) [CF-LA-1AL-2C](#) [CF-LA-1AZ2-1C](#) [CF-LA-1AZ2-3C](#) [CF-LA-2KC-3C](#) [CF-LA-2KZ2-5C](#)
[CF-LA-2KC-5](#) [CF-LA-2KC5-3C](#) [CF-LA-2KL-1C](#) [CF-LA-2KZ2-1C](#) [CF-LA-2KZ2-3C](#) [CF-LA-2KZ2-5](#)