

CF-LA

NEW

UL

cULus

ENEC

RoHS
Compliance

■ Approvals

cULus, UL : E43275

ENEC : SE/05105-04

■ Features

1. High inrush rocker switches
2. Inrush 160A max.
3. Five kinds of terminal style
4. Dust proof type (IP40)
5. cULus, UL(TV-8), and ENEC listed.

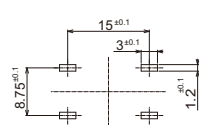
■ Specifications

Rating	Max.	16A125V AC or 16A250V AC (Resistive load)
	Min.	AC/DC5V 10mA
Initial contact resistance		20mΩ max.
Initial Dielectric strength		1500V AC 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

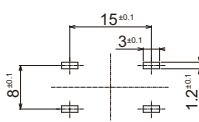
■ Part Numbering

CF-LA		—	2	K		Z2	—	1	
Series code			Number of poles	Switching function		Terminal style		Rocker design	Packaging spec
Fig.	Number of poles	Code	Switching function	Code	Terminal style	Fig.	Rocker design	Code	Packaging spec
1	1 pole	A	ON — OFF		C	1	No marking	Blank	Plastic bags
2	2 poles	K	ON — OFF		C4	2	●	C	Card board tray
					C5	3	○		
					L				
					Z2				

■ PC Hole Layouts

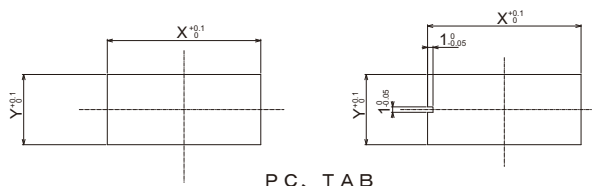


PC

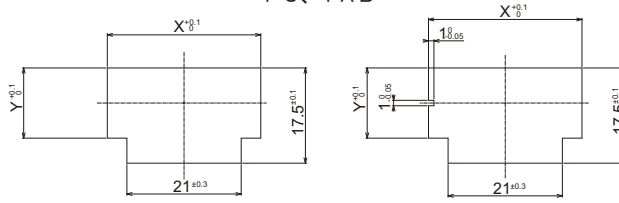


R/A, L/A

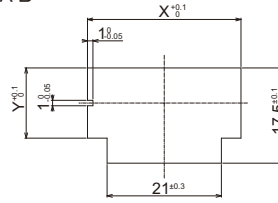
■ Panel Cut-Out Dimensions



PC, TAB



R/A, L/A

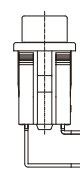


R/A

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

■ Terminal Styles

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



R/A

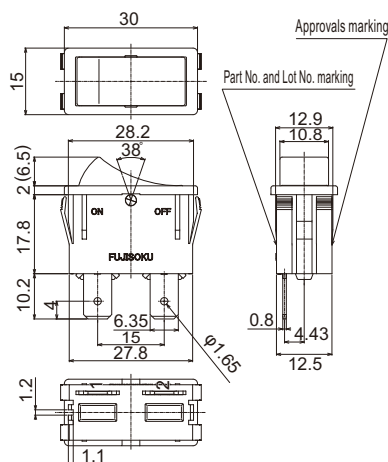


L/A

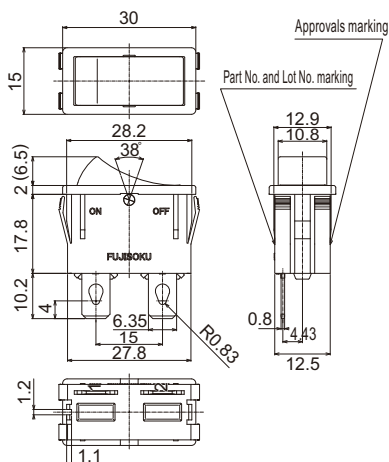
※ PCB-L/A is available in DPST only.

Outline dimensions

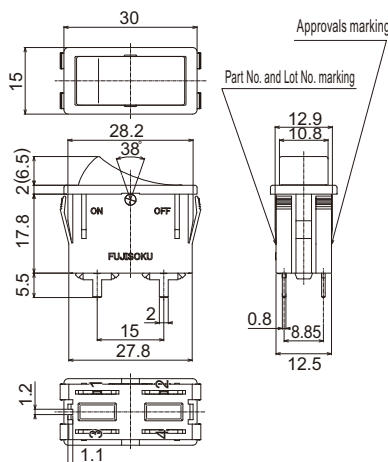
● TAB #250 / 1 Pole



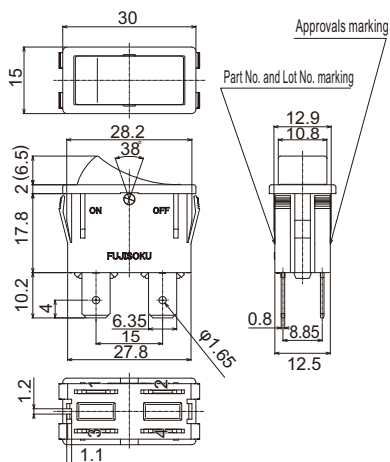
● Solder / 1 Pole



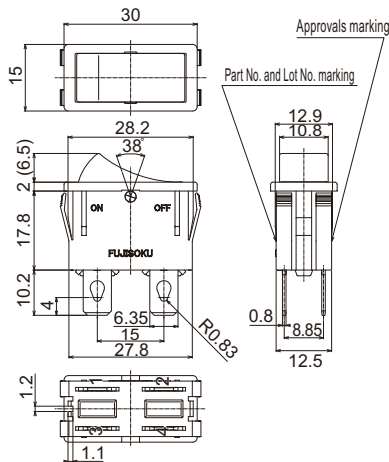
● P/C / 1 and 2 Poles



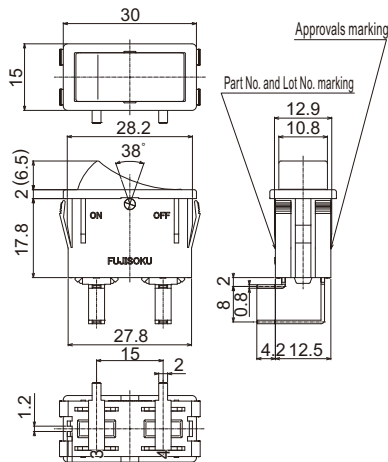
● TAB #250 / 2 Poles



● Solder / 2 Poles



● PC-R/A / 2 Poles



List of part numbers

Number of poles	Switching function	Terminal style	Rocker design			Pieces in package
			Unfigured	●	○	
1 Pole	ON—OFF	P/C	CF-LA-1AC-1C	CF-LA-1AC-2C	CF-LA-1AC-3C	Card board tray 100 pcs./pack
		PC-R/A	CF-LA-1AC4-1C	CF-LA-1AC4-2C	CF-LA-1AC4-3C	
		Solder	CF-LA-1AL-1C	CF-LA-1AL-2C	CF-LA-1AL-3C	
		Tab:#250	CF-LA-1AZ2-1C	CF-LA-1AZ2-2C	CF-LA-1AZ2-3C	
2 Poles	ON—OFF	P/C	CF-LA-2KC-1C	CF-LA-2KC-2C	CF-LA-2KC-3C	
		PC-R/A	CF-LA-2KC4-1C	CF-LA-2KC4-2C	CF-LA-2KC4-3C	
		PC-L/A	CF-LA-2KC5-1C	CF-LA-2KC5-2C	CF-LA-2KC5-3C	
		Solder	CF-LA-2KL-1C	CF-LA-2KL-2C	CF-LA-2KL-3C	
1 Pole	ON—OFF	Tab:#250	CF-LA-2KZ2-1C	CF-LA-2KZ2-2C	CF-LA-2KZ2-3C	Plastic bags 5 pcs./pack
		P/C	CF-LA-1AC-1	CF-LA-1AC-2	CF-LA-1AC-3	
		PC-R/A	CF-LA-1AC4-1	CF-LA-1AC4-2	CF-LA-1AC4-3	
		Solder	CF-LA-1AL-1	CF-LA-1AL-2	CF-LA-1AL-3	
2 Poles	ON—OFF	Tab:#250	CF-LA-1AZ2-1	CF-LA-1AZ2-2	CF-LA-1AZ2-3	
		P/C	CF-LA-2KC-1	CF-LA-2KC-2	CF-LA-2KC-3	
		PC-R/A	CF-LA-2KC4-1	CF-LA-2KC4-2	CF-LA-2KC4-3	
		PC-L/A	CF-LA-2KC5-1	CF-LA-2KC5-2	CF-LA-2KC5-3	
		Solder	CF-LA-2KL-1	CF-LA-2KL-2	CF-LA-2KL-3	
		Tab:#250	CF-LA-2KZ2-1	CF-LA-2KZ2-2	CF-LA-2KZ2-3	

Soldering

(1) Auto soldering

Device : Jet wave or dip type
260°C 5~6sec Max.

● Preheat should be within 80-150°C, 180sec.
Applicable to PC terminals only.

(2) Hand soldering

Device : Solder iron
380°C Max. 3sec Max.

COPAL ELECTRONICS Group
FUJISOKU CORPORATION