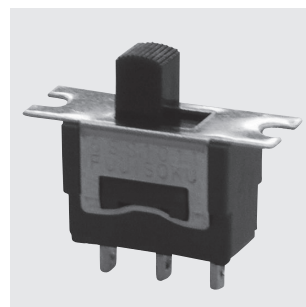


8SS

Sub-miniature Slide Switches

RoHS Compliant



Specifications

Contact specs.		Silver contacts	Gold-plated contacts
Rating	Max.	125VAC 6A 30VDC 4A	20VDC 25mA 125VAC 6A
	Min.	5VAC/DC 100mA	20mVAC/DC 1μA
Initial contact resistance		10mΩ max. (2~4VDC 1A)	20mΩ max. (200μVAC 1.5mA)
Initial dielectric strength		1,000VAC 1 minute	
Initial insulation resistance		1,000MΩ min. (500VDC)	
Electrical life	ON — ON	30,000 cycles	
	ON — OFF — ON	20,000 cycles	
Mechanical life		100,000 cycles	
Switch timing		-30~+85°C	
Operating temperature range		-40~+85°C	

Part Numbering

8

SS

1

01

1

C — Z

Series Code

Contact material and plating

Code	Type
SS	Slide type

Fig.	Number of poles
1	1 pole
2	2 poles

Fig.	Switching function
01	ON — ON
02	ON—OFF—ON

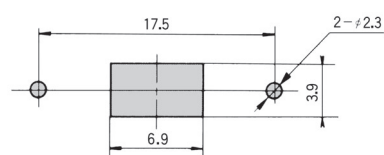
Fig.	Terminal style
1	Solder
2	PC Straight

Code	Contact material	Plating
None	Bs+Ag or Cu+Ag	Ag
C	Bs+Ag or Cu+Ag	Ni+Au

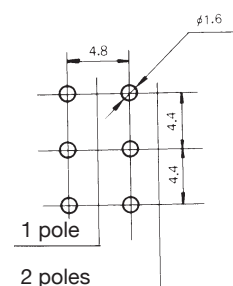
Terminal Styles

Solder (Style : 1)	PC Straight (Style : 2)

Panel Cut-Out Dimensions



PC Hole Layouts

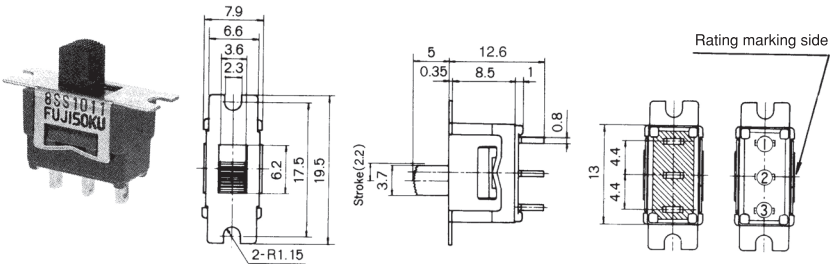


Packaging Specifications

Plastic Bag		50 pcs./pack
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SPDT

Solder terminals



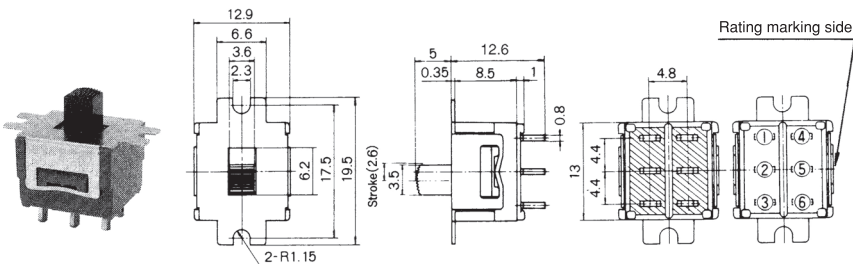
S/D

The terminal numbers are not shown on the switch.

Switching function Part No.	Viewed from rating marking side		
8SS1011-Z	ON	—	ON
★8SS1011C-Z	ON	OFF	ON
★8SS1021-Z	ON	OFF	ON
★8SS1021C-Z	ON	OFF	ON
Connecting terminals	2-1	—	2-3

DPDT

Solder terminals



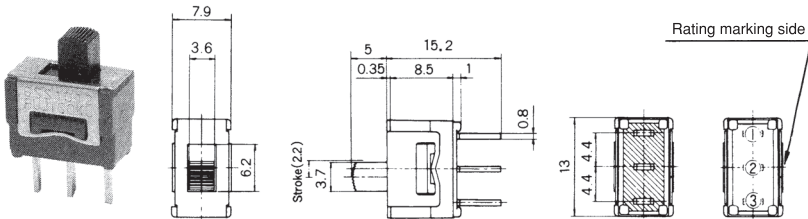
S/D

The terminal numbers are not shown on the switch.

Switching function Part No.	Viewed from rating marking side		
8SS2011-Z	ON	—	ON
★8SS2011C-Z	ON	OFF	ON
★8SS2021-Z	ON	OFF	ON
★8SS2021C-Z	ON	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

SPDT

PC Straight



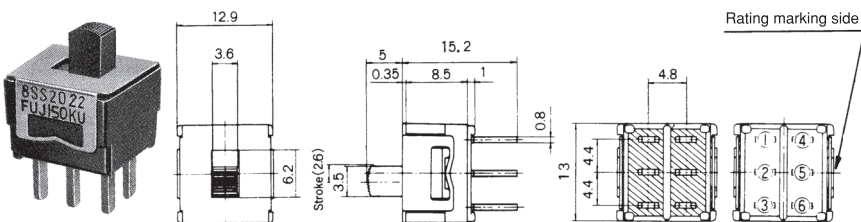
P/C

The terminal numbers are not shown on the switch.

Switching function Part No.	Viewed from rating marking side		
8SS1012-Z	ON	—	ON
▲8SS1012C-Z	ON	OFF	ON
★8SS1022-Z	ON	OFF	ON
★8SS1022C-Z	ON	OFF	ON
Connecting terminals	2-1	—	2-3

DPDT

PC Straight



P/C

The terminal numbers are not shown on the switch.

Switching function Part No.	Viewed from rating marking side		
8SS2012-Z	ON	—	ON
★8SS2012C-Z	ON	OFF	ON
★8SS2022-Z	ON	OFF	ON
★8SS2022C-Z	ON	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

8 series

8 Series Toggles

Poles	Switching function			UL (※1.)		CSA (※2.)	
				8G	8GA	8G	8GA
1 pole	101□	ON — ON		○	○	○	○
	102□	ON — OFF — ON		○		○	
	104□	(ON) — OFF — (ON)		○		○	
	106□	ON — (ON)		○		○	
2 poles	201□	ON — ON		○	○	○	○

UL, CSA marked switches are available upon request.

(※1.) UL File No.E43275 FUJISOKU
(※2.) CSA File No.LR38341 FUJISOKU

Precautions (8A・8B・8C・8D・8E・8F・8J・8SS)

1. Soldering Specifications

- (1)Manual soldering
- Device : Solder iron
- ①420℃ Max. 3 sec. Max.
- (2)Auto soldering
- ②275℃ Max. 6 sec. Max.
- The above-stated soldering conditions shall apply only to switches with straight terminals. Auto soldering is not possible with right-angle terminals. Switches with right-angle terminals should be soldered manually according to the conditions specified in (1) above.
- (3)When soldering two or more terminals to the common land, use the solder resist to isolate the terminals.

2.Flux Cleaning

- (1)Solvent : Fluorine or Alcohol type.
- (2)8A/B/C/D/E/F/J series are not washable. To wash the PC board, clean the soldering surface of the PC board with a brush so that the switch is not exposed to the cleaning solution.
- (3)Cleaning after soldering should be done after the terminal temperature falls to 90℃ or below, or after leaving the switch for five minutes or longer at room temperature.

3. Mounting

- Do not bend the terminals before mounting the switch on the PC board.
- After mounting the switch, do not place the device in such a way that the device weight will be applied on to the actuator of the switch.
- For switches with straight terminals, solder the switch on the PC board after fixing the switch on the panel with a nut.

Packaging Specification

