

8SS



RoHS Compliant

Sub-miniature Slide Switches



Specifications

Contact specs.		Silver	Gold
Rating	Max.	AC125V 6A DC30V 4A	DC20V 25mA AC125V 6A
	Min.	AC/DC5V 100mA	AC/DC20mV 1μA
Initial contact resistance		10mΩ max. (DC2~4V1A)	20mΩ max. (AC200μV 1,5mA)
Initial dielectric strength		1,000VAC 1 minute	
Initial insulation resistance		1,000MΩ min. (DC500V)	
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

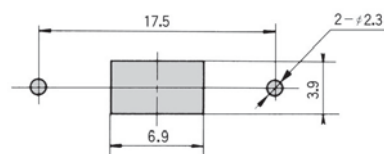
Contact material and plating

Code	Type	Fig.	Number of poles	Fig.	Switching function	Fig.	Terminal style	Code	Contact material	Plating
SS	Slide type	1	1 pole	01	ON — ON	1	Solder	None	Bs+Ag or Cu+Ag	Ag
		2	2 poles	02	ON—OFF—ON	2	PCB	C	Bs+Ag or Cu+Ag	Ni+Au

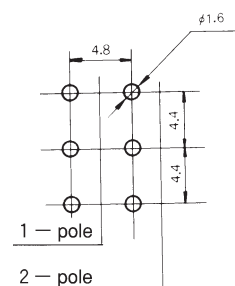
Terminal Styles

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

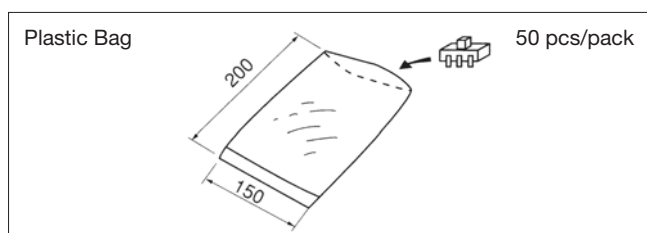
Panel Cut—Out Dimensions



PC Hole Layouts



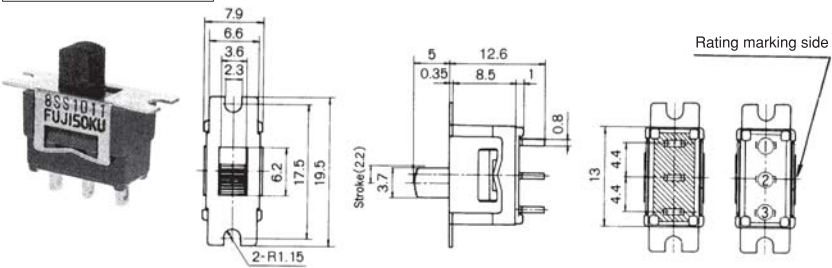
Packaging Specifications



8SS

SPDT

Solder terminal



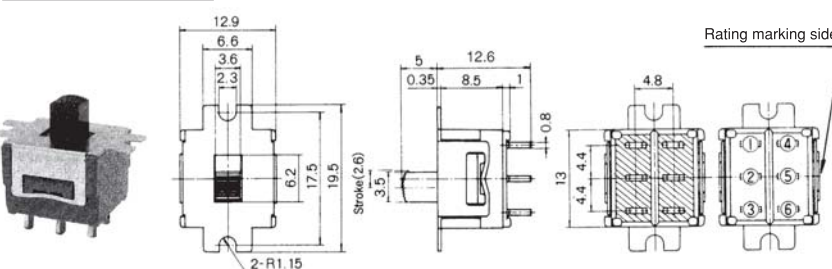
S/D

The terminal numbers are not shown on the switch.

Switching function	Viewed from rating marking side		
Part No.			
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 terminal



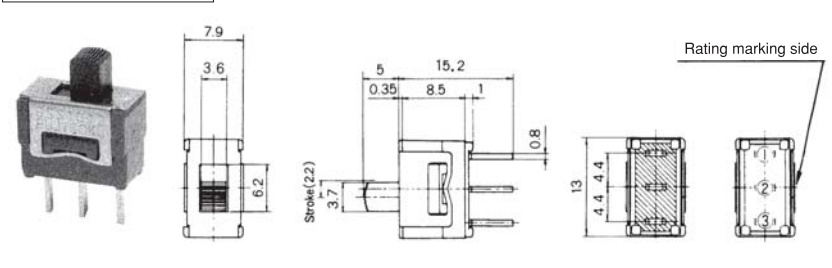
S/D

The terminal numbers are not shown on the switch.

Switching function	Viewed from rating marking side		
Part No.			
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

Solder terminal



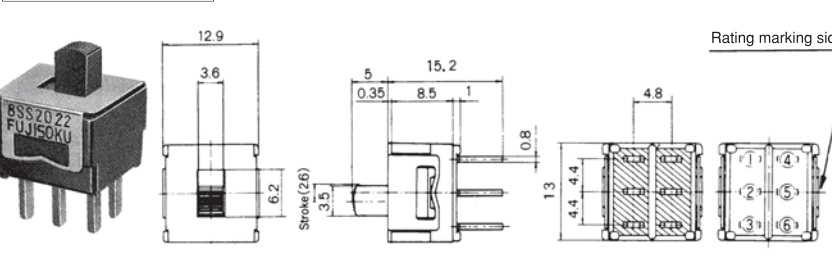
P/C

The terminal numbers are not shown on the switch.

Switching function	Viewed from rating marking side		
Part No.			
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

Solder terminal



P/C

The terminal numbers are not shown on the switch.

Switching function	Viewed from rating marking side		
Part No.			
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