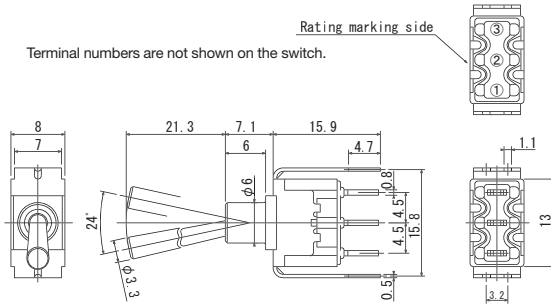


Washable

8GD : Long Toggle**SPDT****PC Straight**

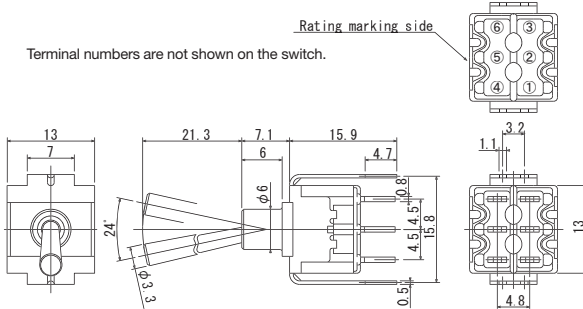
Terminal numbers are not shown on the switch.



Part No.	Switching function		
	Viewed from rating marking side		
★8GD1012-Z	ON	—	ON
▲8GD1022-Z	ON	OFF	ON
Connecting terminals	2-3	—	2-1

DPDT**PC Straight**

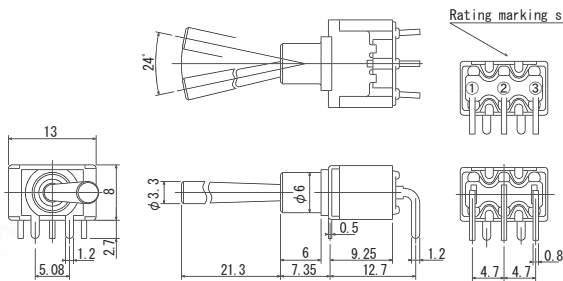
Terminal numbers are not shown on the switch.



Part No.	Switching function		
	Viewed from rating marking side		
★8GD2012-Z	ON	—	ON
Connecting terminals	2-3 5-6	—	2-1 5-4

SPDT**Right Angle**

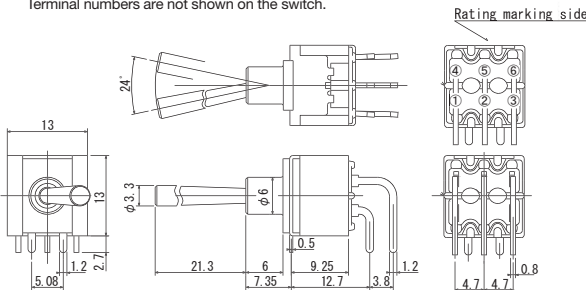
Terminal numbers are not shown on the switch.



Part No.	Switching function		
	Viewed from rating marking side		
★8GD1014-Z	ON	—	ON
▲8GD1024-Z	ON	OFF	ON
Connecting terminals	2-3	—	2-1

DPDT**Right Angle**

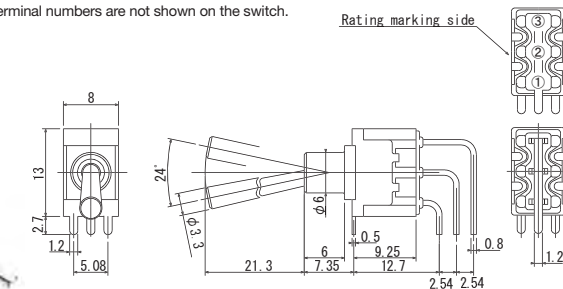
Terminal numbers are not shown on the switch.



Part No.	Switching function		
	Viewed from rating marking side		
★8GD2014-Z	ON	—	ON
Connecting terminals	2-3 5-6	—	2-1 5-4

SPDT**Vertical Mount**

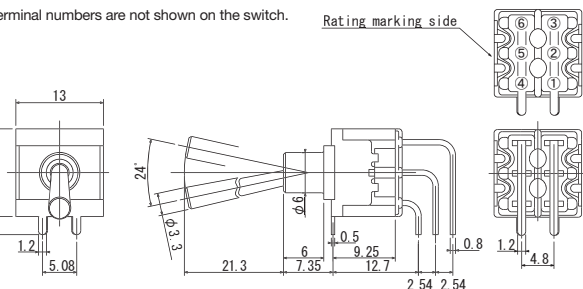
Terminal numbers are not shown on the switch.



Part No.	Switching function		
	Viewed from rating marking side		
★8GD1016-Z	ON	—	ON
▲8GD1026-Z	ON	OFF	ON
Connecting terminals	2-3	—	2-1

DPDT**Vertical Mount**

Terminal numbers are not shown on the switch.



Part No.	Switching function		
	Viewed from rating marking side		
▲8GD2016-Z	ON	—	ON
Connecting terminals	2-3 5-6	—	2-1 5-4

★ : Made to order products.

▲ : Inquiry products.

(ON) : Momentary.

PC Hole Layouts

Terminal style	PC PC Straight	R/A Right Angle	V/M Vertical Mount
1 pole			
2 poles			

●Pattern restricted area is black. If a different color is required, specify part number.
To replace **Color Tip**, remove with a pair of radio pliers.

Precaution (8G, 8GA, 8GD, 8GS)

1. Soldering Specifications

- (1)Manual soldering
Device : Solder iron
① 350°C Max. 3 sec. Max.
② 310°C Max. 7 sec. Max.
- (2)Auto soldering
Device : Jet wave or dip type
① 270°C Max. 5 sec. Max.
② 250°C Max. 7 sec. Max.

Pre-heating should be done at temperatures below 100°C and within 30 seconds.

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.

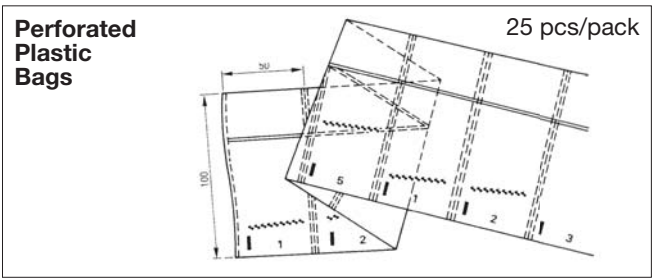
2. Flux Cleaning

- (1)Solvent : Fluorine or Alcohol type.
(2)Cleaning after soldering should be done after the terminal temperature falls to 90°C or below, or after leaving the switch for five minutes or longer at room temperature.
(3)Do not use the ultrasonic cleaning.

4. Mounting Accessories

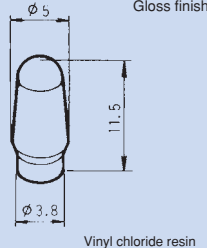
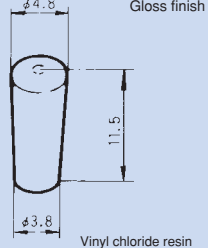
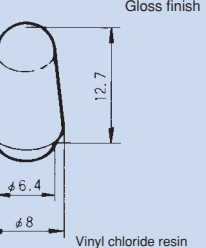
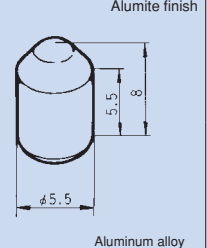
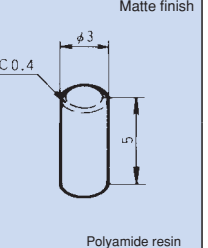
Mount the accessories after soldering and flux cleaning.

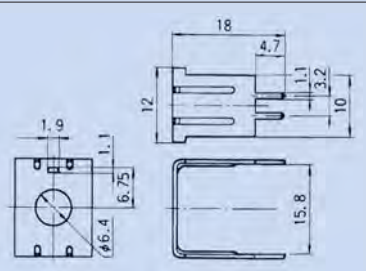
Packaging Specification



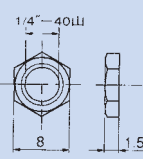
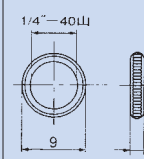
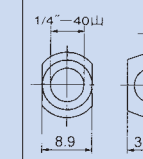
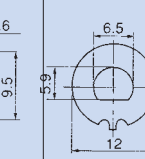
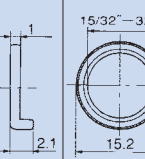
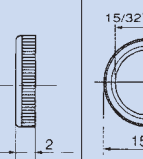
Optional Accessories

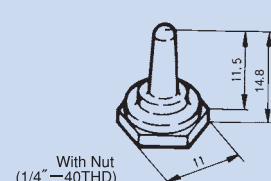
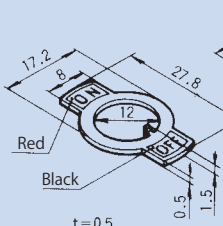
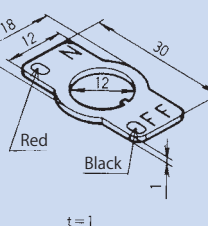
《Sold separately》

Type	8A · 8F · 8GA BT	8A · 8F · 8GA BT	8B	8E	8S · 8GS
Part Name	Color Cap				Color Tip
Dimensions					
Silver	—	—	—	140000470058	—
White	140000470030	140000470038	140000470063	—	140000470118
Red	140000470098	140000470100	140000470108	140000470060	140000470119
Black	140000470031	140000470039	140000470064	140000470059	140000470112
Gray	140000470037	140000470077	140000470102	—	140000470120

Type	8A · 8C · 8D · 8J · 8S 1, 2 poles ※
Part Name	Bracket
Part No.	140000260715
Dimensions	

※The Bracket cannot be used with switches with switching functions "10", "11", or "12" (ref. P.388). The size of the housings are different in switches with switching functions "10", "11", and "12" and the Bracket cannot be used.

Type	8A · 8C · 8D · 8E · 8J · 8N · 8S · 8R			8F · 8P	8B · 8Y	
Part Name	Lock Nut	Round Nut	Pocketed Nut	Locking Ring	Round Nut	Round Nut
Part No.	140008010276	140008010258	140008010274	140008020066	140008010272	140008010273
Dimensions						
Finish	Nickel	Chromium	Nickel	Zinc	Chromium	

Type	8A	8B	
Part Name	Boot	Plate	Plate
Part No.	140000470422	140008040021	140008040025
Dimensions			

■ 8 Series Toggles

(ON) : Momentary.

Poles	Switching function			UL (※1.)				CSA (※2.)			
				8G	8GA	8GD	8GS	8G	8GA	8GD	8GS
1 pole	1012	ON — ON		○	○	○	○	○	○	○	○
	1022	ON — OFF — ON		○	○	○	○	○	○	○	○
	1042	(ON) — OFF — (ON)		○	○	○	○	○	○	○	○
	1052	ON — OFF — (ON)		○	○	○	○	○	○	○	○
	1062	ON — (ON)		○	○	○	○	○	○	○	○
2 poles	2012	ON — ON		○	○	○	○	○	○	○	○
	2022	ON — OFF — ON		○	○	○	○	○	○	○	○
	2042	(ON) — OFF — (ON)		○	○	○	○	○	○	○	○
	2052	ON — OFF — (ON)		○	○	○	○	○	○	○	○
	2062	ON — (ON)		○	○	○	○	○	○	○	○

(※1.) **UL File No.E43275 FUJISOKU**

(※2.) **CSA File No.LR38341 FUJISOKU**

UL, CSA marked switches are available upon request.