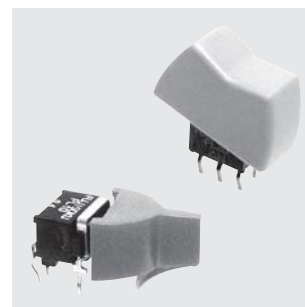
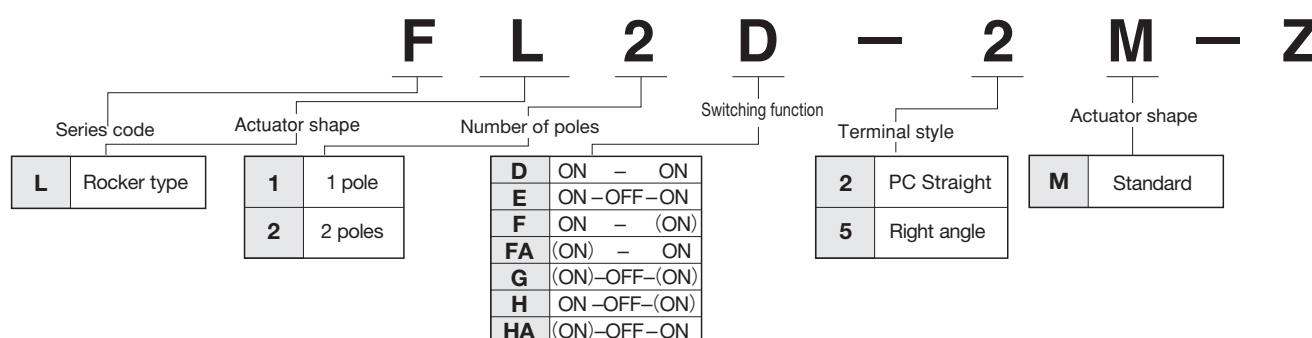


FL**Washable****Hyper-miniature Lever & Rocker Switches****RoHS Compliant****Features**

1. Hyper-miniature type. The volumetric ratio is half the conventional Series A.
2. Immersion cleaning is possible after soldering.
3. The terminal pitch is of the 0.1-inch size..
4. The independent detent mechanism ensures light operating feeling.
5. For the contact reliability, long-term stability is assured by the clip contacts.
6. Since the contacts are gold-plated, the switches are best suited for use in the dry circuit areas.
7. The full-molded type prevents malfunction caused by static electricity.

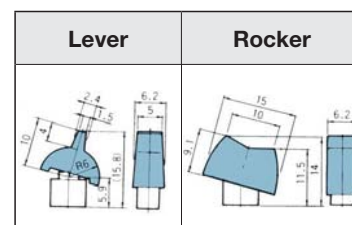
Specifications

Rating	Max : 0.4VA (28VDC max.) Min : 1μA 20mVDC
Initial contact resistance	100mΩ max. (1.5mA 200μVAC)
Dielectric strength	250VAC 1 minute
Insulation resistance	500MΩ min. (250VDC)
Electrical life	10,000 cycles at max. rating 50,000 cycles at max. rating (D,E type) 30,000 cycles at max. rating (F,G,H type)
Operating temperature range	−40°C~+85°C
Storage temperature range	−40°C~+85°C

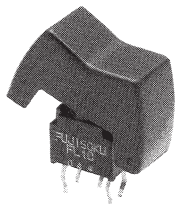
Part Numbering**Standard Accessories**

《Supplied separately》

Part name	Lever (PC Straight&R/A)	Rocker (PC Straight&R/A)	Rocker (PC Straight)
Dimensions	<p>Gloss finish</p> <p>ABS resin</p>	<p>Gloss finish</p> <p>ABS resin</p>	<p>Gloss finish</p> <p>ABS resin</p>
White	140000050858	140000481410	140000481594
Red	140000050859	140000481411	140000481595
Black	140000050860	140000481412	140000481596
Gray	140000050861	140000481413	140000481597

Lever・Rocker Mounting

- The lever and the rocker are standard accessories. Specify either of the lever or the rocker by part number.

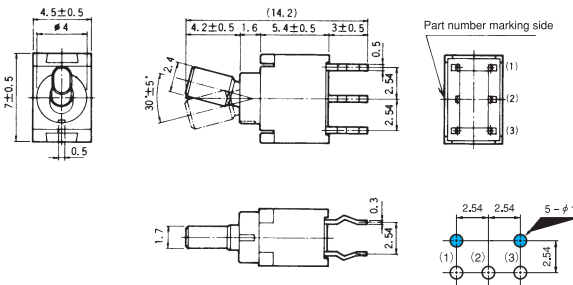
FL**SPDT**

(Mount with Rocker)

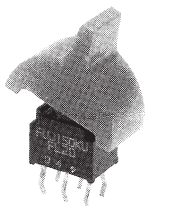
PC Straight

Terminal numbers are not shown on the bottom of the switch.

PC Hole Layouts



Switching function Part No.	Viewed from part No. marking side		
FL1D-2M-Z	ON	—	ON
▲FL1E-2M-Z	ON	OFF	ON
▲FL1F-2M-Z	(ON)	—	ON
★FL1G-2M-Z	(ON)	OFF	(ON)
▲FL1H-2M-Z	(ON)	OFF	ON
Connecting terminals	2-1	—	2-3

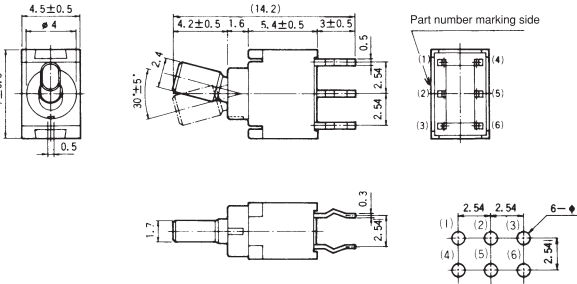
DPDT

(Mount with Rocker)

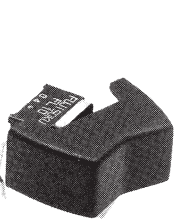
PC Straight

Terminal numbers are not shown on the bottom of the switch.

PC Hole Layouts



Switching function Part No.	Viewed from part No. marking side		
★FL2D-2M-Z	ON	—	ON
▲FL2E-2M-Z	ON	OFF	ON
★FL2F-2M-Z	(ON)	—	ON
★FL2G-2M-Z	(ON)	OFF	(ON)
▲FL2H-2M-Z	(ON)	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

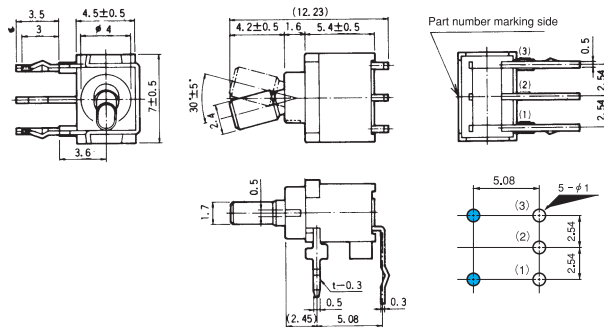
SPDT

(Mount with Rocker)

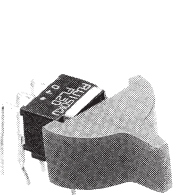
R/A

Terminal numbers are not shown on the bottom of the switch.

PC Hole Layouts



Switching function Part No.	Viewed from part No. marking side		
★FL1D-5M-Z	ON	—	ON
▲FL1E-5M-Z	ON	OFF	ON
▲FL1F-5M-Z	ON	—	(ON)
▲FL1FA-5M-Z	(ON)	—	ON
★FL1G-5M-Z	(ON)	OFF	(ON)
▲FL1H-5M-Z	ON	OFF	(ON)
▲FL1HA-5M-Z	(ON)	OFF	ON
Connecting terminals	2-3	—	2-1

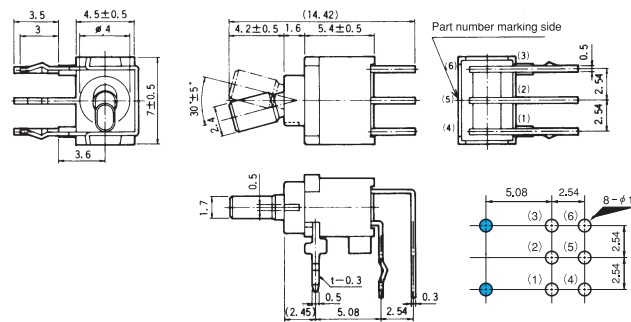
DPDT

(Mount with Rocker)

R/A

Terminal numbers are not shown on the bottom of the switch.

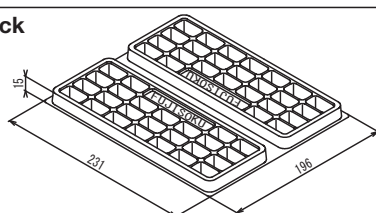
PC Hole Layouts



Switching function Part No.	Viewed from part No. marking side		
★FL2D-5M-Z	ON	—	ON
▲FL2E-5M-Z	ON	OFF	ON
▲FL2F-5M-Z	ON	—	(ON)
▲FL2FA-5M-Z	(ON)	—	ON
▲FL2G-5M-Z	(ON)	OFF	(ON)
▲FL2H-5M-Z	ON	OFF	(ON)
▲FL2HA-5M-Z	(ON)	OFF	ON
Connecting terminals	2-3 5-6	—	2-1 5-4

Packaging Specifications**Plastic Pack**

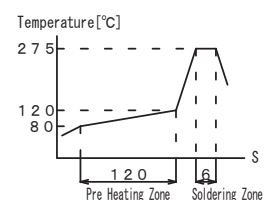
100 pcs/pack

**Soldering Specifications**

(1) Manual Soldering

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

(2) Auto Soldering

Device: Jet wave type or dip type
275°C; 6 seconds, Max.

★ : Made to order products.