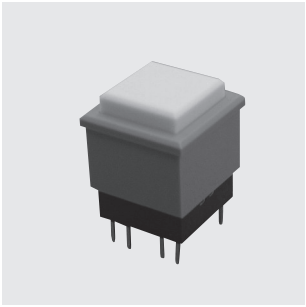


# DP4

## Surface Mount Pushbutton Switches

RoHS Compliant



### ■ Features

#### 1. Flexible Circuit Configuration

The switch incorporates two 2-circuit switches which provide flexible circuit configuration.

#### 2. High Contact Reliability

Gold-plated contact with self-cleaning, twin contact mechanism provides high contact reliability.

#### 3. PC Board Mount

Direct mounting to PC board. The terminal pin layout is in inch pitch.

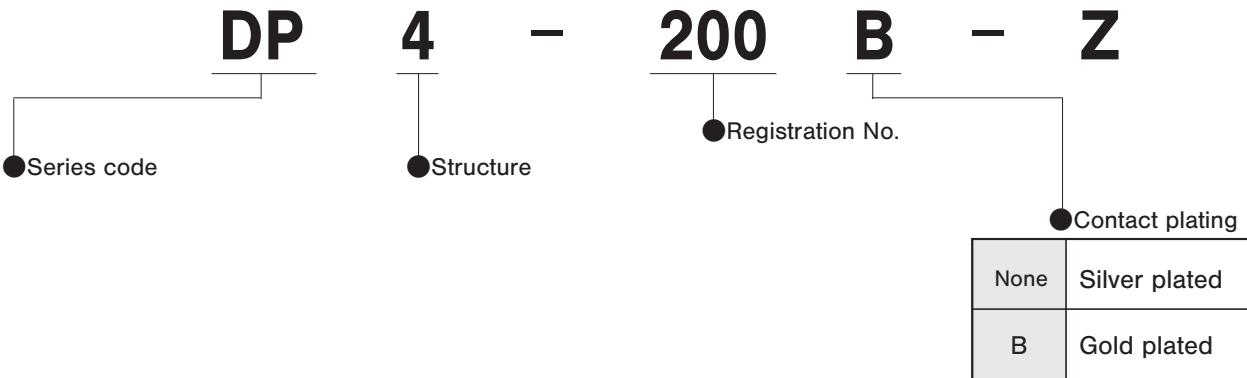
#### 4. Ideal For Use in Dry Circuit (Gold-Plated Contact)

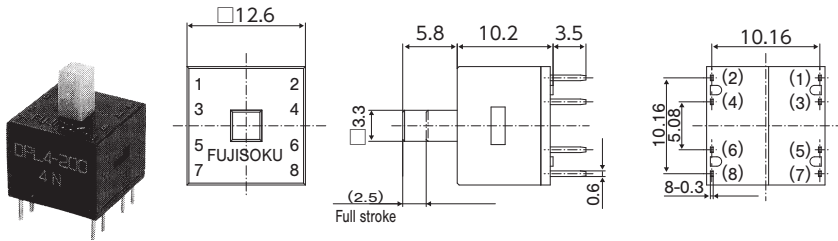
When a switch is used under bad environmental conditions (sulfidizing gas, etc.), contact surface may be affected. Gold-plated contact is recommended especially for low current applications.

### ■ Specifications

Rating	Non-Switching	100 mA 50 VDC
	Switching	Gold plated: 100 mA 5 VDC/0.2 mVDC 1 $\mu$ A min. Silver plated: 100 mA 5 VDC
Initial Contact Resistance		100 m $\Omega$ max. (1.5 mA 200 $\mu$ VAC)
Dielectric Strength		250 VAC 1 minute
Insulation Resistance		1,000 M $\Omega$ min. (250 VDC)
Electrical Life		200,000 operations
Travel		2.5mm
Operating Force		2.45 $\pm$ 0.98N
Contact Bounce		5 ms max.
Operating Temperature Range		-25 $\sim$ +75 $^{\circ}$ C
Storage Temperature Range		-25 $\sim$ +85 $^{\circ}$ C

### ■ Part Numbering



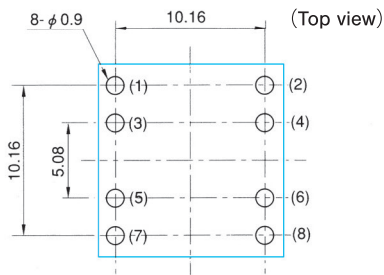


Terminal numbers are shown on the switch.

Part No.	Switching function	
DP4-200-Z DP4-200B-Z	ON	(ON)
Connecting terminals	1-2 7-8	3-4 5-6

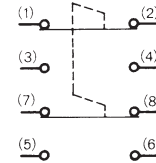
(ON) : Momentary

## PC Hole Layouts



The blue line represents the switch outline.

## Circuit Diagram



Do not remove the button when the switch is locked.

## Optional Accessories

《Sold separately》

	Button	Mounting Frame	Button&Mounting Frame
Set up	Matte finish 	Matte finish 	
	ABS resin	ABS resin	
	140008050103	White	—
	—	Black	14000340157
	140008050105	Red	—
	—	Gray	14000340162

## Soldering

- Manual soldering  
Device: Soldering iron  
380°C, Max. 3 s Max.
- Auto soldering  
Device: Jet wave or dip type  
275±10°C 6 s Max.  
• Preheat time shall be 120 s max. at 80~120°C.

## Packaging Specifications

