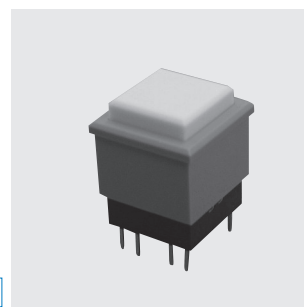


DP4

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.

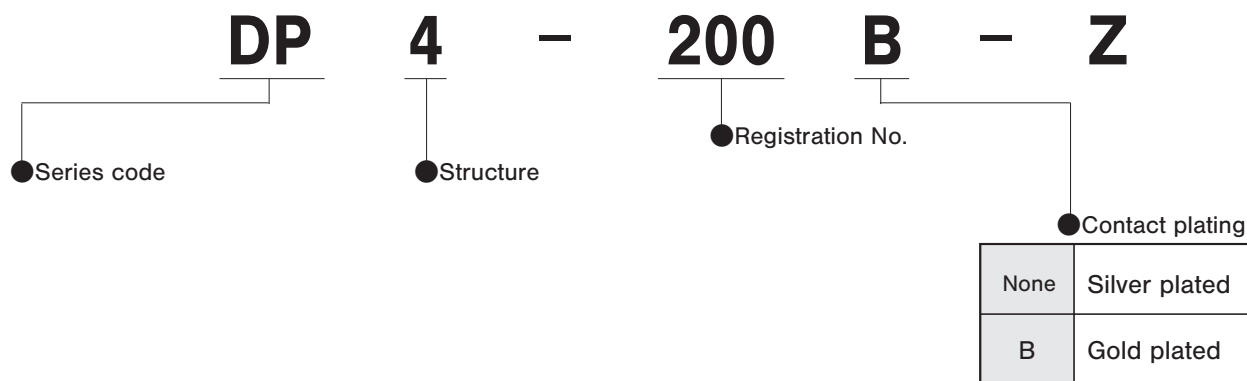
4. Ideal For Use in Dry Circuit (Gold-Plated Contact)

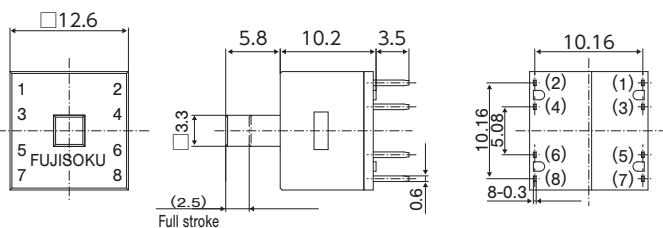
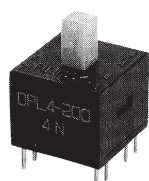
When a switch is used under bad environmental conditions (sulfidizing gas, etc.), contact surface may be affected. Gold-plated contact is recommended especially for low current applications.

■ Specifications

Rating	Non-Switching	100 mA 50 VDC
	Switching	100 mA 5 VDC (Gold 0.2 mVDC 1 μ A min.)
Initial Contact Resistance	100 m Ω max.	(1.5 mA 200 μ VAC)
Dielectric Strength	250 VAC 1 minute	
Insulation Resistance	1,000 M Ω 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~+75 $^{\circ}$ C	
Storage Temperature Range	-25~+85 $^{\circ}$ C	

■ Part Numbering



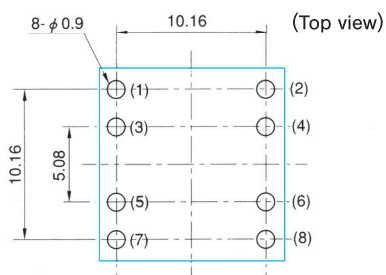


Part No.	Switching function	
DP4-200-Z	ON	(ON)
DP4-200B-Z	ON	(ON)
Connecting terminals	1-2 7-8	3-4 5-6

(ON) : Momentary

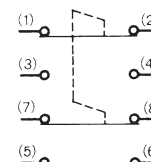
Terminal numbers are shown on the switch.

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	Button + Switch
	140008050103	White	Button + Mounting Frame + Switch
	—	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

