

DIP
SwitchKJ
Series

DIP Slide

SMD

SP

Outline of the Series

Ultra-miniature SMD type Jumper Switch.

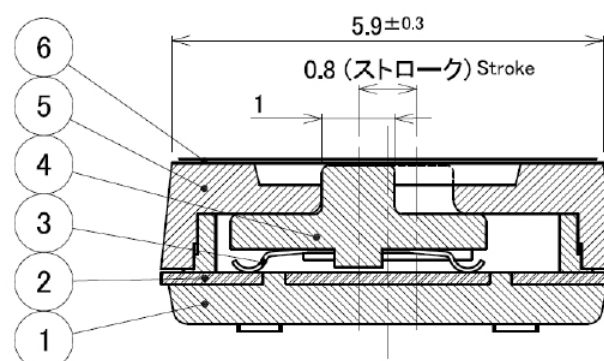
Features of the Series

1. Supports automatic mounting, reflow soldering, and cleaning (with tape sealing).
2. Features highly reliable gold-plated contacts.
3. Compliant with RoHS II.
4. Tape reel packaging is available in quantities of 1,000 or 100 pieces.

Structure and Materials

Specifications of Materials

Part Name	Materials	Finish
① Case	PPS	Black
② Fixed Plate (Fixed Contact)	Copper Alloy	Gold Plating
③ Movable Plate (Movable Contact)	Copper Alloy	Gold Plating
④ Knob	LCP	White
⑤ Cover	PPS	Black
⑥ Tape-seal	Polyimide	—



Common Specifications

Ratings	DC24V 25mA
Contact Resistance	100 mΩ Max. (Initial value)
Withstanding Voltage	AC250V 1 Minute
Insulating Resistance	Min. 100MΩ
Electrical Life	200 times
Operating Temperature Range	-40°C ~ +85°C
Storage Temperature Range	-40°C ~ +85°C
Operating Force	4.9N Max.
Number of Re-flow	2 times Max.

Soldering Conditions

* Regarding the Soldering Conditions, please refer to [the separate data sheet](#). (Hand Soldering Condition is B.)

Cautions on Handling Products

1. The conditions for reflow soldering may vary depending on the dimensions of the printed circuit board and the assembly density in the actual production process. Please refer to the temperature profile in the separate datasheet in advance, and confirm the surface temperature and soldering condition of the mounted product before use.

* For products other than those listed above or for custom items, please contact us.

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SMD

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Product Designations

Series Name

Shape of Operationa-part

Poles

Circuit

Packaging

Tape-seal

K

J

S

1

2

A

E100

-2

Shape of Operationa-part

Symbol

Slide

S

Poles

Symbol

1

12

Circuit

Symbol

ON-OFF-ON

—

ON-ON

A

Package

Symbol

Tape-reel (1,000 pcs/reel)

—

Tape-reel (100pcs/reel)

E100

Tape-seal

Symbol

Applied

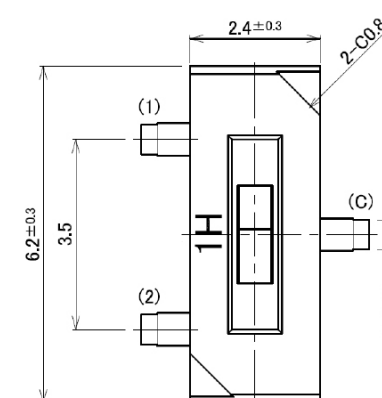
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Not Applied

-2

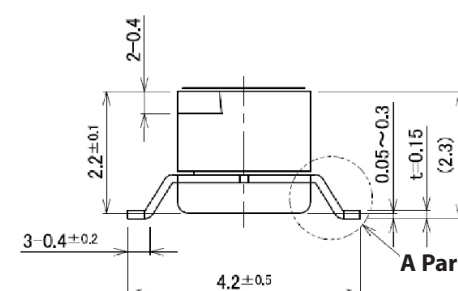
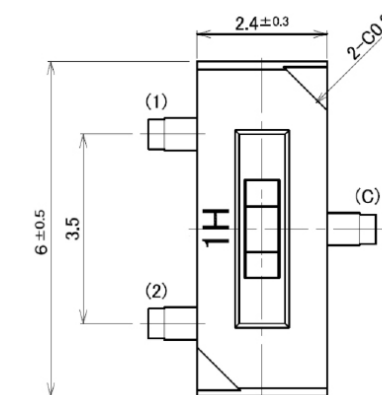
Standard Dimensions/Mounting Land Dimensions/Circuit Diagram

ON-ON Type

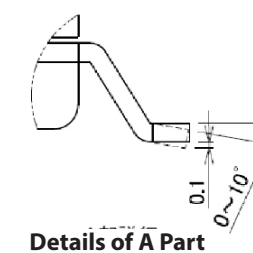


Side (Common)

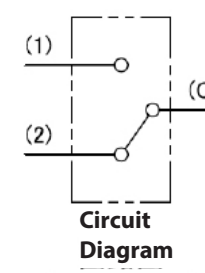
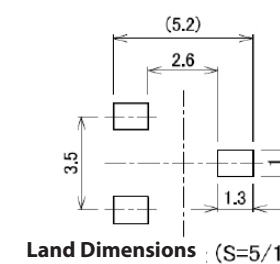
ON-OFF-ON Type



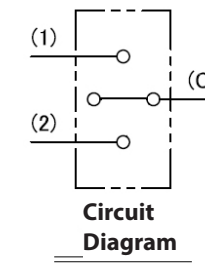
A Part



Details of A Part

Circuit
Diagram

Land Dimensions (S=5/1)

Circuit
Diagram

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