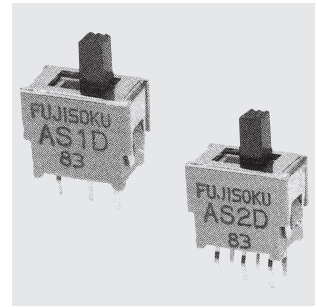


# AS

## Hyper-miniature Slide Switches



RoHS Compliant

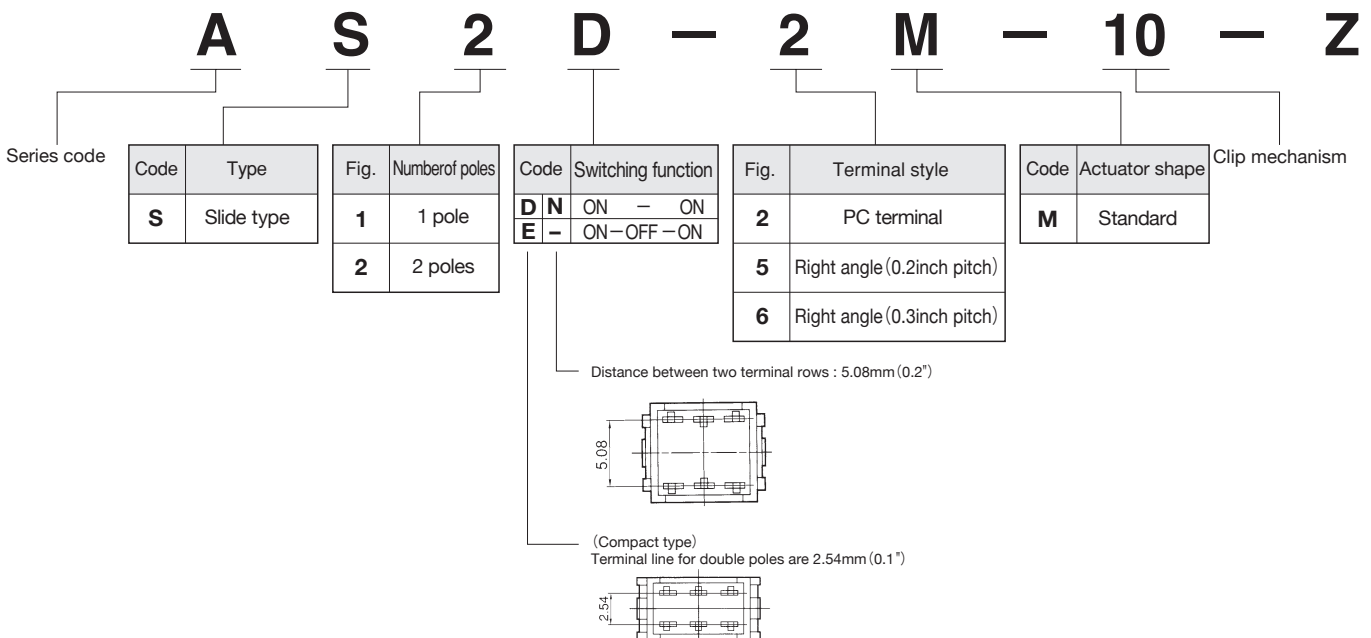
### ■ Features

- 1. High Contact Reliability**  
Twin-contact clip mechanism for high contact reliability.
- 2. Gold-plated contacts suitable for low current applications**
- 3. For PC board mounting**
- 4. Improved operability**  
The independent detent structure provides a light operating touch.

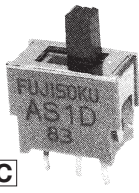
### ■ Specifications

|                               |             |  |                 |
|-------------------------------|-------------|--|-----------------|
| Rating                        | 0.4VA AC/DC | Voltage range  | 20mV~60V        |
|                               |             | Current range  | 1 μA~50mA       |
|                               | Max.        | 50mA 60VAC/DC  |                 |
|                               | Min.        | 1 μA 20mV AC/DC  |                 |
| Initial contact resistance    |             | 50mΩ max.  | (1.5mA 200μVAC) |
| Dielectric strength           |             | 250VAC 1 minute  |                 |
| Initial insulation resistance |             | 500MΩ min.   | (500VDC)        |
| Electrical life               |             | 10,000 cycles at max. rating.<br>50,000 cycles at min. rating or 0.4VA |                 |
| Operating force               |             | 0.69~4.9N  |                 |
| Operating temperature range   |             | -20°C~+85°C  |                 |
| Storage temperature range     |             | -40°C~+85°C  |                 |

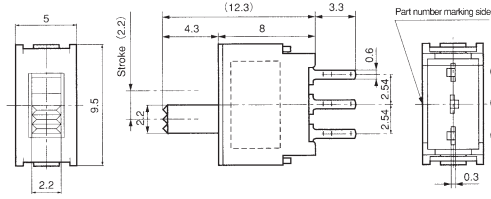
### ■ Part Numbering



SPDT



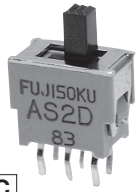
PC



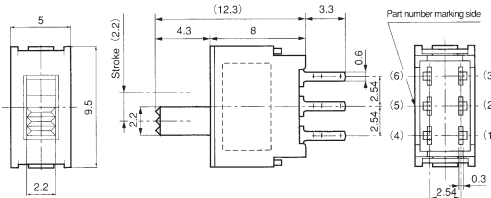
|                      |                                   |     |     |
|----------------------|-----------------------------------|-----|-----|
| Switching function   | Viewed from part No. marking side |     |     |
|                      |                                   |     |     |
| Part No.             |                                   |     |     |
| AS1D-2M-10-Z         | ON                                | —   | ON  |
| ★AS1E-2M-10-Z        | ON                                | OFF | ON  |
| Connecting terminals | 2-1                               | —   | 2-3 |

DPDT

Distance between two terminal rows : 2.54 mm



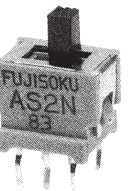
PC



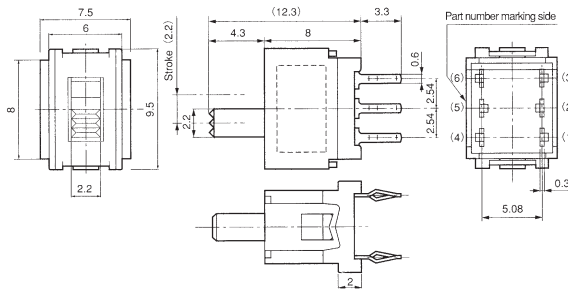
|                      |                                   |     |            |
|----------------------|-----------------------------------|-----|------------|
| Switching function   | Viewed from part No. marking side |     |            |
|                      |                                   |     |            |
| Part No.             |                                   |     |            |
| AS2D-2M-10-Z         | ON                                | —   | ON         |
| ★AS2E-2M-10-Z        | ON                                | OFF | ON         |
| Connecting terminals | 2-1<br>5-4                        | —   | 2-3<br>5-6 |

DPDT

Distance between two terminal rows : 5.08 mm



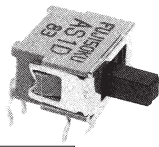
PC



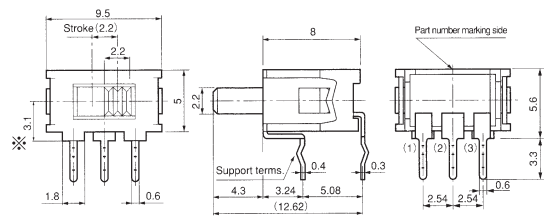
|                      |                                   |   |            |
|----------------------|-----------------------------------|---|------------|
| Switching function   | Viewed from part No. marking side |   |            |
|                      |                                   |   |            |
| Part No.             |                                   |   |            |
| ★AS2N-2M-10-Z        | ON                                | — | ON         |
| Connecting terminals | 2-1<br>5-4                        | — | 2-3<br>5-6 |

SPDT

※Mounting height : 3.1mm



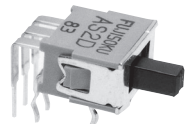
0.2R/A



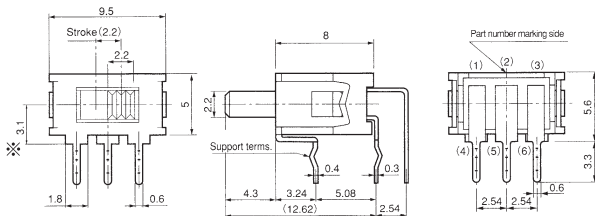
|                      |                                   |     |     |
|----------------------|-----------------------------------|-----|-----|
| Switching function   | Viewed from part No. marking side |     |     |
|                      |                                   |     |     |
| Part No.             |                                   |     |     |
| AS1D-5M-10-Z         | ON                                | —   | ON  |
| AS1E-5M-10-Z         | ON                                | OFF | ON  |
| Connecting terminals | 2-1                               | —   | 2-3 |

DPDT

※Mounting height : 3.1mm



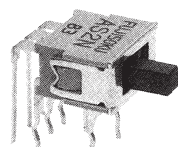
0.2R/A



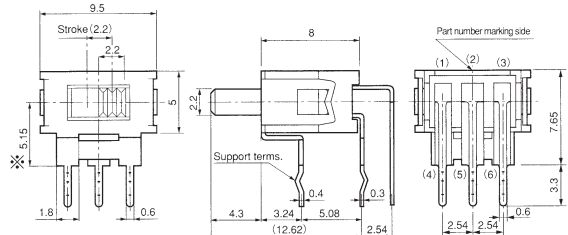
|                      |                                   |   |            |
|----------------------|-----------------------------------|---|------------|
| Switching function   | Viewed from part No. marking side |   |            |
|                      |                                   |   |            |
| Part No.             |                                   |   |            |
| AS2D-5M-10-Z         | ON                                | — | ON         |
| Connecting terminals | 2-1<br>5-4                        | — | 2-3<br>5-6 |

DPDT

※Mounting height : 5.15mm



0.2R/A



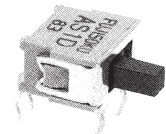
|                      |                                   |   |            |
|----------------------|-----------------------------------|---|------------|
| Switching function   | Viewed from part No. marking side |   |            |
|                      |                                   |   |            |
| Part No.             |                                   |   |            |
| ★AS2N-5M-10-Z        | ON                                | — | ON         |
| Connecting terminals | 2-1<br>5-4                        | — | 2-3<br>5-6 |

☆ : Semi-standard products. ★ : Made to order products. Terminal numbers are not shown on the switch. Non-marking : standard stock items.

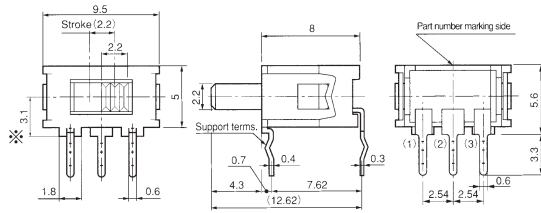
# AS

## SPDT

※Mounting height : 3.1mm



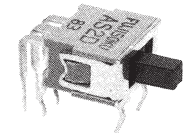
0.3R/A



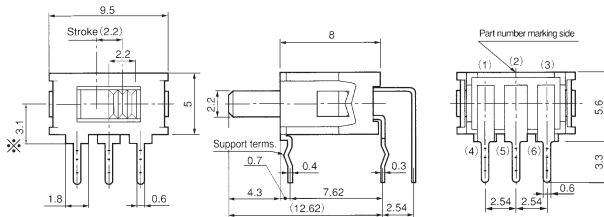
| Switching function   | Viewed from part No. marking side |   |     |
|----------------------|-----------------------------------|---|-----|
|                      |                                   |   |     |
| Part No.             |                                   |   |     |
| AS1D-6M-10-Z         | ON                                | — | ON  |
| Connecting terminals | 2-1                               | — | 2-3 |

## DPDT

※Mounting height : 3.1mm



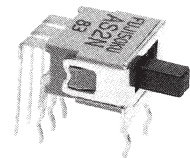
0.3R/A



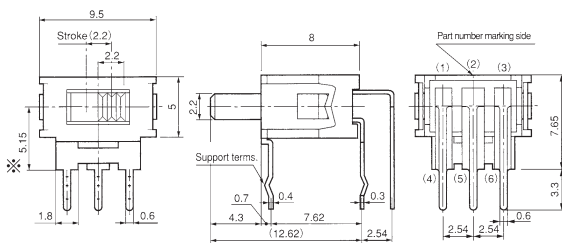
| Switching function   | Viewed from part No. marking side |     |            |
|----------------------|-----------------------------------|-----|------------|
|                      |                                   |     |            |
| Part No.             |                                   |     |            |
| ☆AS2D-6M-10-Z        | ON                                | —   | ON         |
| ★AS2E-6M-10-Z        | ON                                | OFF | ON         |
| Connecting terminals | 2-1<br>5-4                        | —   | 2-3<br>5-6 |

## DPDT

※Mounting height : 5.15mm

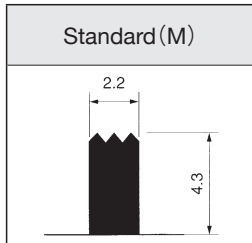


0.3R/A

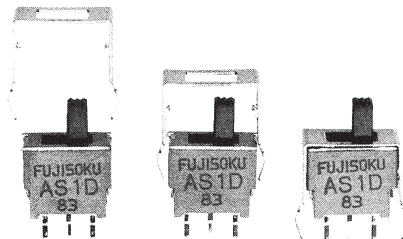


| Switching function   | Viewed from part No. marking side |   |            |
|----------------------|-----------------------------------|---|------------|
|                      |                                   |   |            |
| Part No.             |                                   |   |            |
| ☆AS2N-6M-10-Z        | ON                                | — | ON         |
| Connecting terminals | 2-1<br>5-4                        | — | 2-3<br>5-6 |

## Actuator Shape



## Bracket Installation Procedure



## Optional Accessories

(Sold separately)

| Part Name  | Bracket      |
|------------|--------------|
| Part No.   | 140000640324 |
| Dimensions |              |

## PC Hole Layouts

| Series       | P/C terminal    |              | Right Angle terminal |               |
|--------------|-----------------|--------------|----------------------|---------------|
|              | Whitout bracket | Whit bracket | 0.2inch pitch        | 0.3inch pitch |
| AS1D<br>AS1E |                 |              |                      |               |
| AS2D<br>AS2E |                 |              |                      |               |
| AS2N         |                 |              |                      |               |

★ : Made to order products.

☆ : Semi-standard products.

:Optional Accessories.