



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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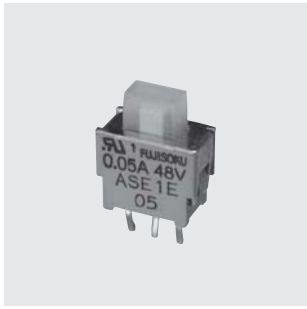


ASE

Washable



RoHS Compliant



Hyper-miniature Slide Switches

UL

Features

1. High Contact Reliability

Twin-contact clip mechanism for high contact reliability

2. Immersion washable type

3. Gold-plated contacts suitable for low current applications

4. For PC board mounting

5. Improved operability

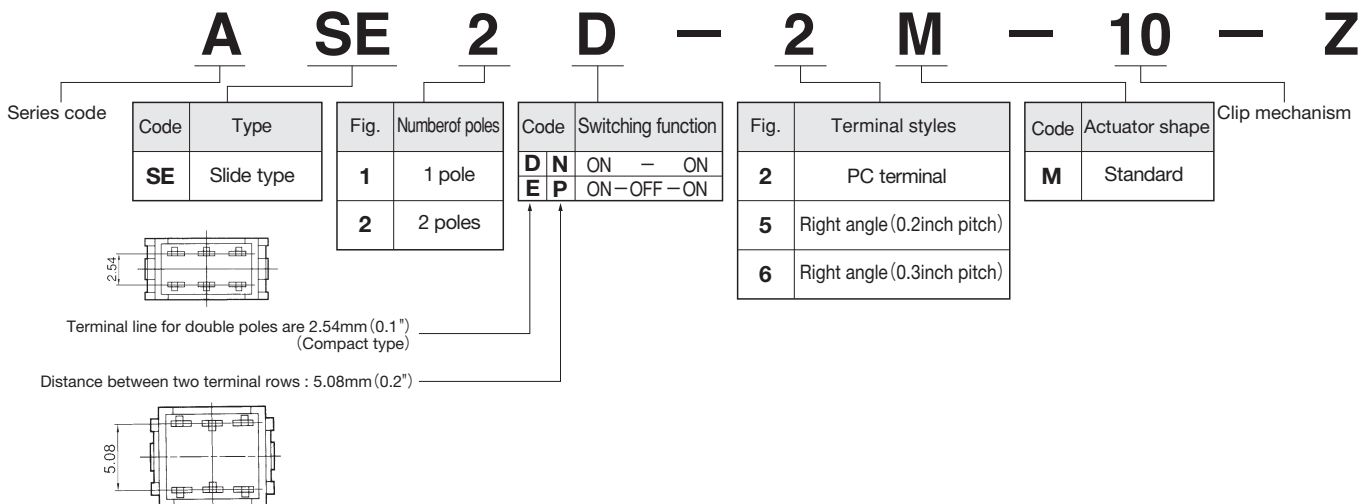
The independent detent structure provides a light operating touch.

6. UL-recognized

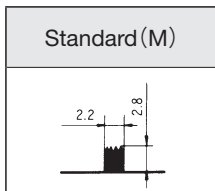
Specifications

Rating	0.4VA AC/DC	Voltage range	20mV~48V
	Max.	Current range	1 μA~50mA
	Min.	50mA 60V AC/DC	
Initial contact resistance		50mΩ max.	(1.5mA 200μ VAC)
Dielectric strength		250VAC 1 minute	
Initial insulation resistance		500MΩ min.	(500VDC)
Electrical life		10,000 cycles at max. rating.	
Operating force		10,000 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	

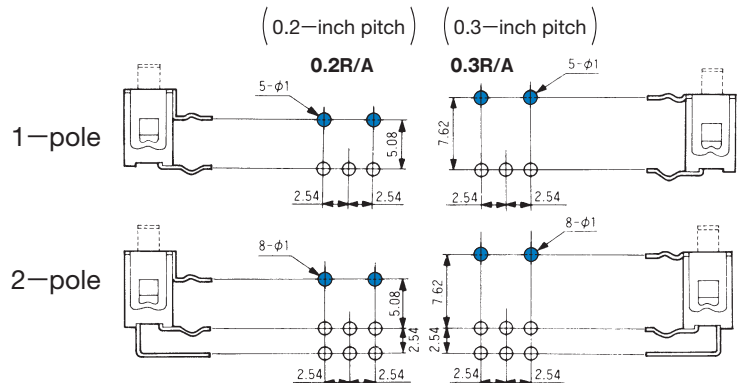
Part Numbering



Actuator Shape



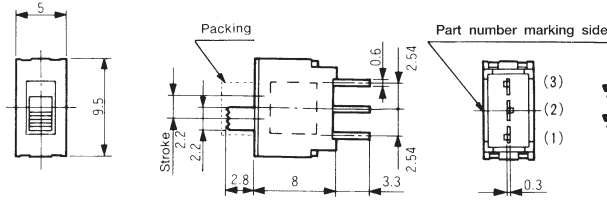
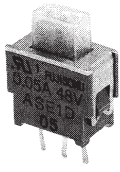
Right Angle Terminals



ASE

SPDT

PC



Switching function	Viewed from part No. marking side		
Part No.			
ASE1D-2M-10-Z	ON	—	ON
☆ASE1E-2M-10-Z	ON	OFF	ON
Connecting terminals	2-1	—	2-3

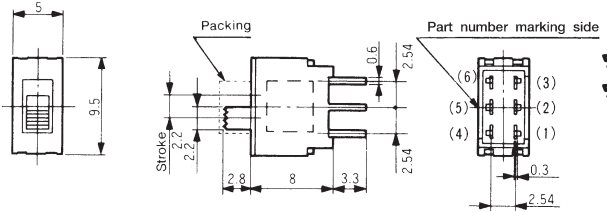
Terminal numbers are not shown on the switch.

DPDT

PC



Distance between two terminal rows : 2.54 mm

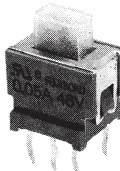


Switching function	Viewed from part No. marking side		
Part No.			
ASE2D-2M-10-Z	ON	—	ON
★ASE2E-2M-10-Z	ON	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

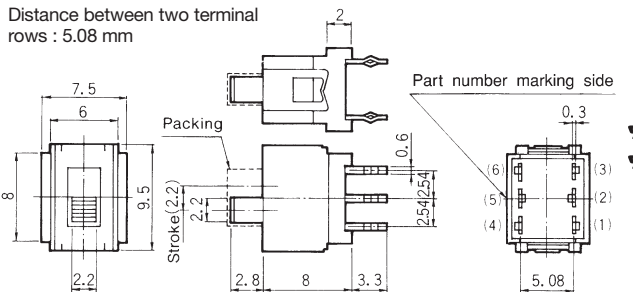
Terminal numbers are not shown on the switch.

DPDT

PC



Distance between two terminal rows : 5.08 mm

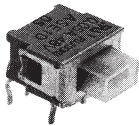


Switching function	Viewed from part No. marking side		
Part No.			
☆ASE2N-2M-10-Z	ON	—	ON
★ASE2P-2M-10-Z	ON	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

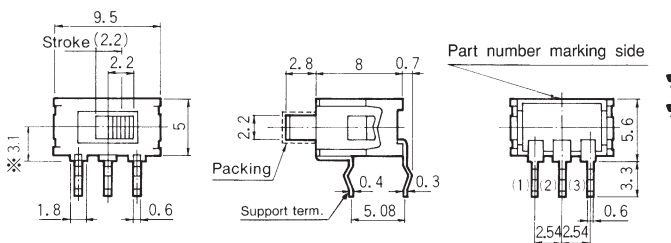
Terminal numbers are not shown on the switch.

SPDT

0.2R/A



Mounting height : 3.1 mm

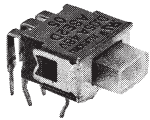


Switching function	Viewed from part No. marking side		
Part No.			
ASE1D-5M-10-Z	ON	—	ON
★ASE1E-5M-10-Z	ON	OFF	ON
Connecting terminals	2-1	—	2-3

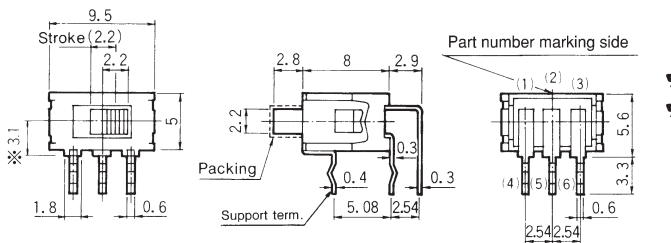
Terminal numbers are not shown on the switch.

DPDT

0.2R/A



Mounting height : 3.1 mm

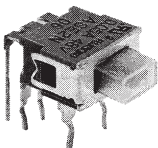


Switching function	Viewed from part No. marking side		
Part No.			
ASE2D-5M-10-Z	ON	—	ON
★ASE2E-5M-10-Z	ON	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

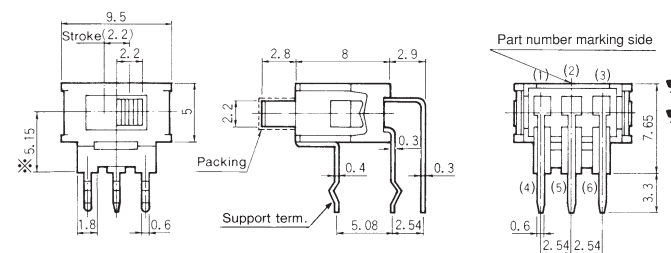
Terminal numbers are not shown on the switch.

DPDT

0.2R/A



Mounting height : 5.15 mm



Switching function	Viewed from part No. marking side		
Part No.			
★ASE2N-5M-10-Z	ON	—	ON
▲ASE2P-5M-10-Z	ON	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

Terminal numbers are not shown on the switch.

★ : Made to order products.

● The actuator is sealed with a white-colored packing. Remove the packing with tweezers after the washing process.

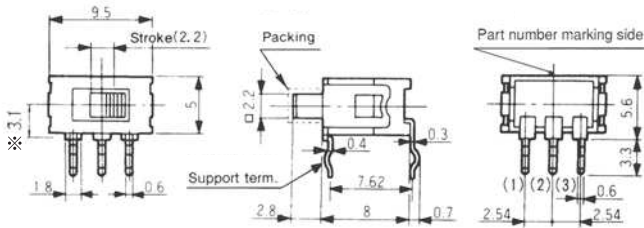
ASE

SPDT

0.3R/A



Mounting height : 3.1 mm



Switching function	Viewed from part No. marking side		
Part No.			
ASE1D-6M-10-Z	ON	—	ON
★ASE1E-6M-10-Z	ON	OFF	ON
Connecting terminals	2-1	—	2-3

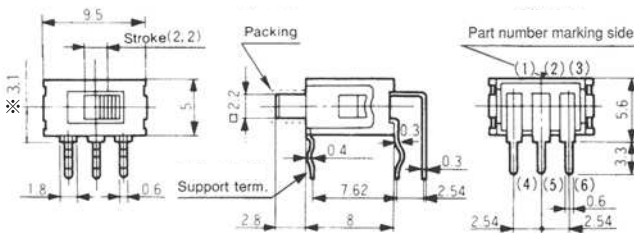
Terminal numbers are not shown on the switch.

DPDT

0.3R/A



Mounting height : 3.1 mm



Switching function	Viewed from part No. marking side		
Part No.			
☆ASE2D-6M-10-Z	ON	—	ON
★ASE2E-6M-10-Z	ON	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

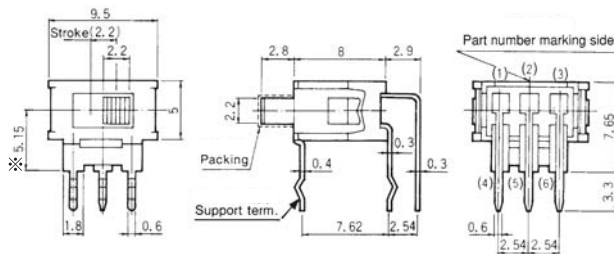
Terminal numbers are not shown on the switch.

DPDT

0.3R/A



Mounting height : 5.15 mm



Switching function	Viewed from part No. marking side		
Part No.			
★ASE2N-6M-10-Z	ON	—	ON
★ASE2P-6M-10-Z	ON	OFF	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

Terminal numbers are not shown on the switch.

Mounting Height

Switching function	D·E	N·P
Mounting		

Optional Accessories

《Supplied separately》

Part Name	Bracket
Part No.	140000640324
Dimensions	

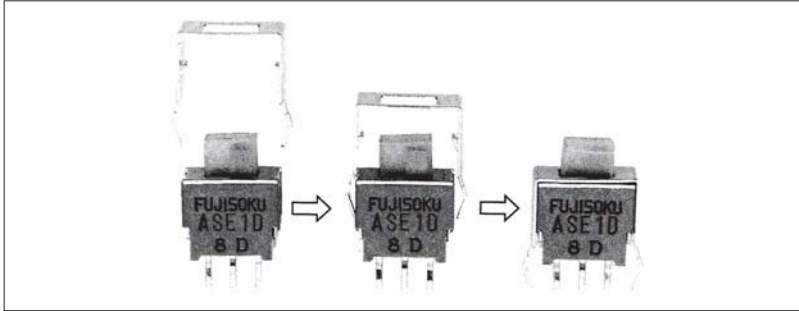
PC Hole Layouts

Series	P/C terminal		Right Angle terminal	
	Whitout bracket	Whit bracket	0.2inch pitch	0.3inch pitch
ASE1D ASE1E				
ASE2D ASE2E				
ASE2N ASE2P				

★ : Made to order products. ☆ : Semi-standard products.

AS & ASE

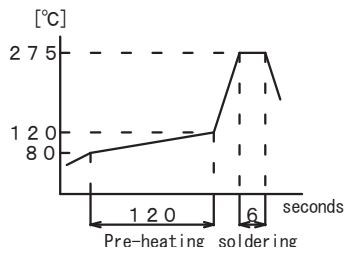
■ Bracket Installation Procedure



■ Handling Precautions (AS and ASE Series)

1. 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, Max.; 6 seconds, Max.
 - Pre-heating should be done at temperatures ranging from 80°C to 120°C and within 120 sec.



2. Flux Cleaning

- (1) Solvent : Fluorine or Alcohol type.
- (2) Cleaning after soldering should be done after the terminal temperature falls to 90°C or below, or after leaving the switch for five minutes or longer at room temperature.
AS series are not process sealed and are not washable. If the PC board is to be cleaned, clean the soldering surface of substrate with a brush so that the switch is not exposed to the cleaning solution.
- (3) Do not use ultrasonic cleaning system.

3. Mounting of Switch

- (1) Use the PC boards of $\phi 1$ holes.
- (2) Do not bend the terminals before mounting the switch on the PC board.
- (3) After mounting the switch, do not place the device in such a way that the device weight will be applied on the knob, etc. of the switch.
- (4) Do not apply load exceeding 12.7 N (1.3 kgf) to the knob. Use a bracket (optional accessory) if the load is expected to exceed 12.7 N (1.3 kgf). The strength of the knob will be reinforced to 29.4 N (3 kgf) max..

■ Packaging Specifications

