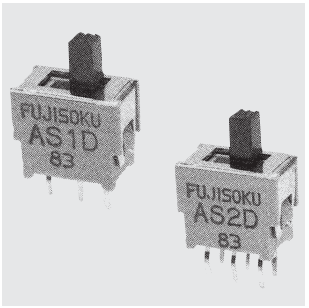
AS

Hyper-miniature Slide Switchess



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	Voltagr range	20mV～48V
		Current range	1μA～50mA
	Max.	50mA 40V AC/DC	
	Min.	1μA 20mV AC/DC	
Initial contact resistance		50mΩ max. (1.5mA 200μVAC)	
Dielectric strength		250VAC 1 minute	
Initial insulation resistance		500MΩ min. (250VDC)	
Electrical life		10,000 cycles at max. rating.	
		50,000 cycles at min. rating or 0.4VA	
Operating force		0.69～4.9N	
Operating temperature range		−20℃～+85℃	
Storage temperature range		−40℃～+85℃	

■Part Numbering

A S 2 D — 2 M — 10 — Z

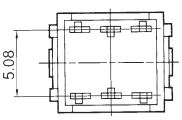
Series code

Code	Type
S	Slide type

Fig.	Numberof poles
1	1 pole
2	2 poles

Code	Switching function
D N	ON — ON
E P	ON−OFF−ON

Distance between two terminal rows : 5.08mm (0.2")



Terminal line for double poles are 2.54mm (0.1")

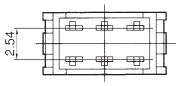


Fig.	Terminal style
2	PC terminal
5	Right angle (0.2inch pitch)
6	Right angle (0.3inch pitch)

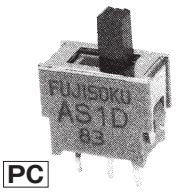
Code	Actuator shape
M	Standard

Clip mechanism

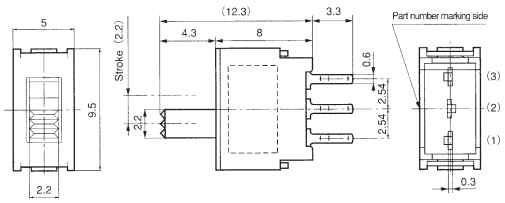
●Please refer to P.518 for **soldering specifications**, **flux cleaning**, and **packaging specifications**. Please refer to P.521 for **PC hole layouts**.

AS

SPDT



PC

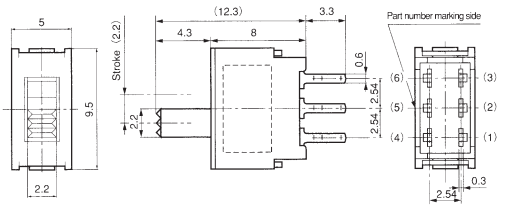


Part No. \ Switching function	Viewed from part No. marking side		
AS1D−2M−10−Z	ON	—	ON
☆AS1E−2M−10−Z	ON	OFF	ON
Connecting terminals	2−1	—	2−3

DPDT

Distance between two terminal rows : 2.54 mm

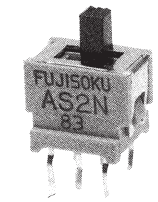
PC



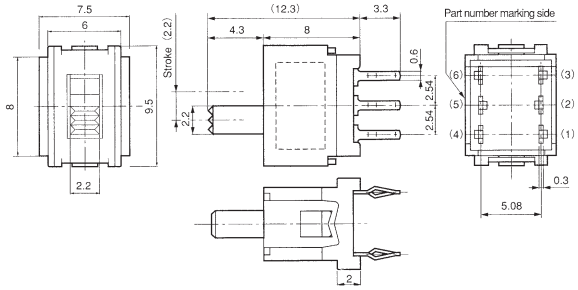
Part No. \ Switching function	Viewed from part No. marking side		
AS2D−2M−10−Z	ON	—	ON
★AS2E−2M−10−Z	ON	OFF	ON
Connecting terminals	2−1 5−4	—	2−3 5−6

DPDT

Distance between two terminal rows : 5.08 mm



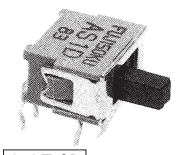
PC



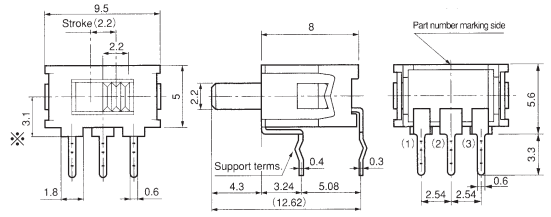
Part No. \ Switching function	Viewed from part No. marking side		
★AS2N−2M−10−Z	ON	—	ON
★AS2P−2M−10−Z	ON	OFF	ON
Connecting terminals	2−1 5−4	—	2−3 5−6

SPDT

※Mounting height : 3.1mm



0.2R/A

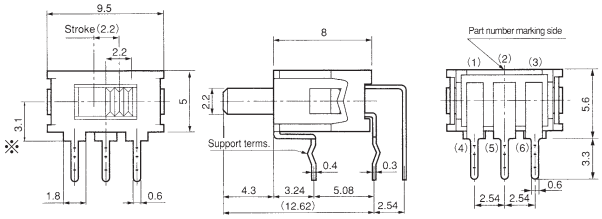


Part No. \ Switching function	Viewed from part No. marking side		
AS1D−5M−10−Z	ON	—	ON
AS1E−5M−10−Z	ON	OFF	ON
接続端子 Connecting terminals	2−1	—	2−3

DPDT

※Mounting height : 3.1mm

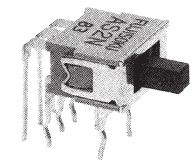
0.2R/A



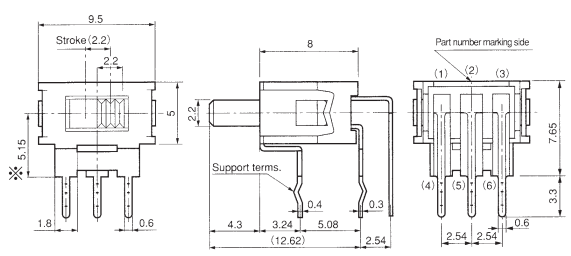
Part No. \ Switching function	Viewed from part No. marking side		
AS2D−5M−10−Z	ON	—	ON
★AS2E−5M−10−Z	ON	OFF	ON
Connecting terminals	2−1 5−4	—	2−3 5−6

DPDT

※Mounting height : 5.15mm



0.2R/A



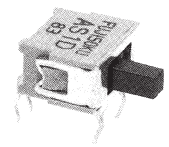
Part No. \ Switching function	Viewed from part No. marking side		
★AS2N−5M−10−Z	ON	—	ON
★AS2P−5M−10−Z	ON	OFF	ON
Connecting terminals	2−1 5−4	—	2−3 5−6

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

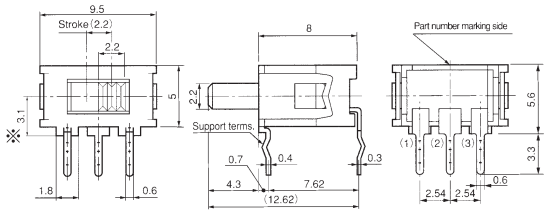
AS

SPDT

※Mounting height : 3.1mm



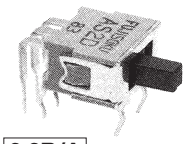
0.3R/A



Part No. \ Switching function	Viewed from part No. marking side		
	▙▁▟	▙▁▟	▙▁▟
AS1D-6M-10-Z	ON	—	ON
★AS1E-6M-10-Z	ON	OFF	ON
Connecting terminals	2—1	—	2—3

DPDT

※Mounting height : 3.1mm



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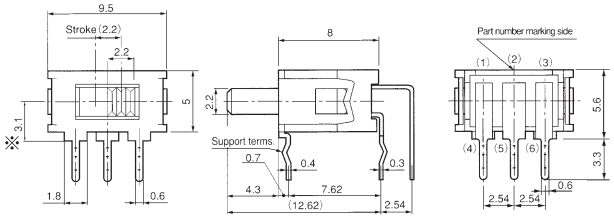
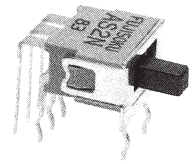


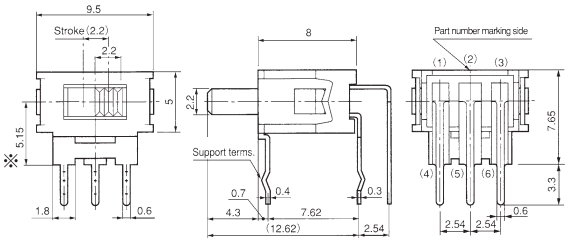
Part No. \ Switching function	Viewed from part No. marking side		
	▙▁▟	▙▁▟	▙▁▟
☆AS2D-6M-10-Z	ON	—	ON
★AS2E-6M-10-Z	ON	OFF	ON
Connecting terminals	2—1 5—4	—	2—3 5—6

DPDT

※Mounting height : 5.15mm

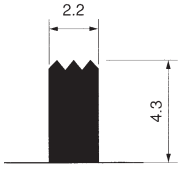


0.3R/A

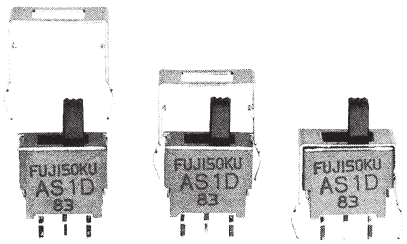


Part No. \ Switching function	Viewed from part No. marking side		
	▙▁▟	▙▁▟	▙▁▟
☆AS2N-6M-10-Z	ON	—	ON
★AS2P-6M-10-Z	ON	OFF	ON
Connecting terminals	2—1 5—4	—	2—3 5—6

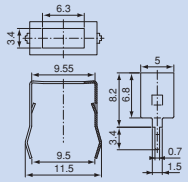
■Actuator Shape

Standard (M)


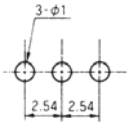
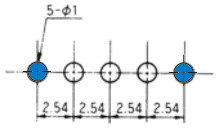
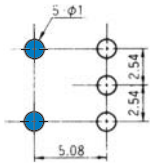
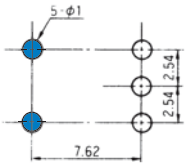
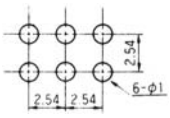
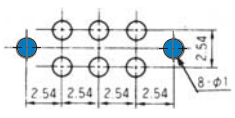
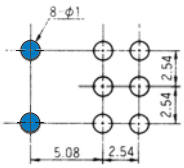
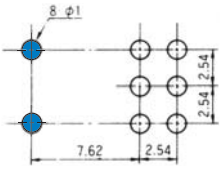
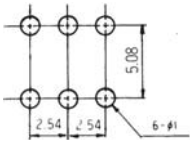
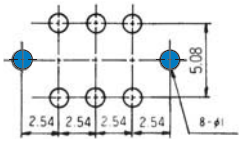
■Bracket Installation Procedure



■ Optional Accessories 《Sold separately》

Part Name	Bracket
Part No.	140000640324
Dimensions	

■PC Hole Layouts

Series	P/C terminal		Right Angle terminal	
	Whithout bracket	Whit bracket	0.2inch pitch	0.3inch pitch
AS1D AS1E				
AS2D AS2E				
AS2N AS2P				

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