

MHS

Hyper-miniature Slide Switches



RoHS Compliant



PICOTOP

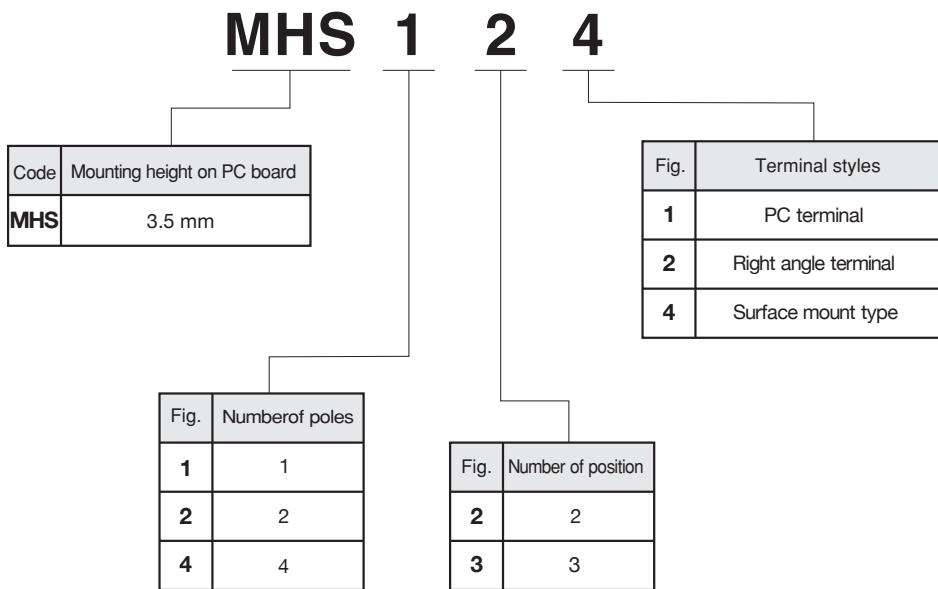
■ Features

1. Extremely small and low-profile slide switch.
2. Available in a wide variety of circuits.

■ Specifications

Rating	Max.	0.2A 12VDC (Resistive load)
	Min.	10mA 5VDC (Resistive load)
Initial contact resistance	500Ω max.	(1.5mA 200μVAC)
Dielectric strength	500VAC 1 minute	
Insulation resistance	100MΩ min.	(500VDC)
Electrical life	5,000 cycles	
Operating temperature range	−10~+70°C	
Storage temperature range	−20~+80°C	

■ Part Numbering



MHS

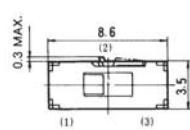
PICOTOP

MHS121

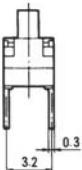
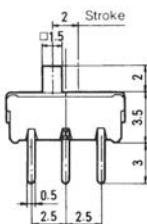
Non-shorting



PC



A ↑

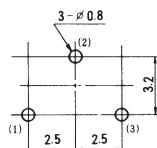


Switching function (Viewed from A)		Circuit diagram	No. of terminals
ON	ON		
2-1	2-3		3

● Operating force : 0.49~3.92 N [50~400 gf]

■PC Hole Layouts

(Top view)



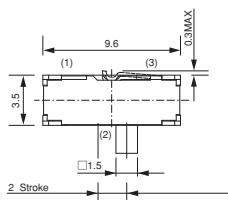
Terminal numbers are not shown on the switch.

MHS122

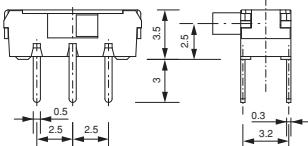
Non-shorting



R/A



↓ A

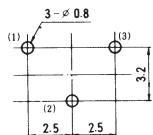


Switching function (Viewed from A)		Circuit diagram	No. of terminals
ON	ON		
2-3	2-1		3

● Operating force : 0.49~3.92 N [50~400 gf]

■PC Hole Layouts

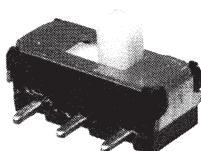
(Top view)



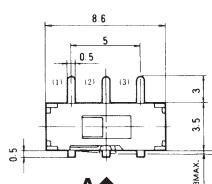
Terminal numbers are not shown on the switch.

MHS122-1

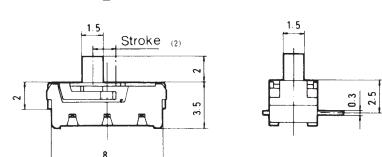
Non-shorting



R/A



A ↑

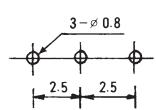


Switching function (Viewed from A)		Circuit diagram	No. of terminals
ON	ON		
2-1	2-3		3

● Operating force : 0.49~3.92 N [50~400 gf]

■PC Hole Layouts

(Top view)



Terminal numbers are not shown on the switch.

MHS

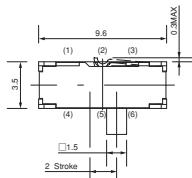
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MHS222

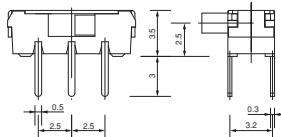
Non-shorting



R/A



↓A

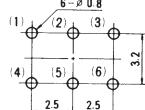


Switching function (Viewed from A)		Circuit diagram	No. of terminals
		(2)---(1)---(3) (2)---(3)---(4)	
ON	ON		
2-3	2-1	(5)---(1)---(6)	
5-6	5-4	(5)---(2)---(6)	6

● Operating force : 0.49~3.92 N [50~400 gf]

PC Hole Layouts

(Top view)



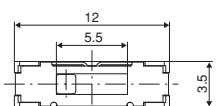
Terminal numbers are not shown on the switch.

MHS231

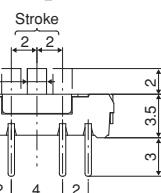
Non-shorting



PC



A↑

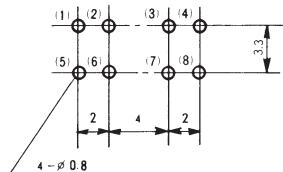


Switching function (Viewed from A)			Circuit diagram	No. of terminals
			(3)---(1)---(2) (3)---(4)---(5) (7)---(6)---(8)	
ON	ON	ON		
3-1	3-2	3-4	(7)---(6)---(8)	
7-5	7-6	7-8	(3)---(1)---(2)	8

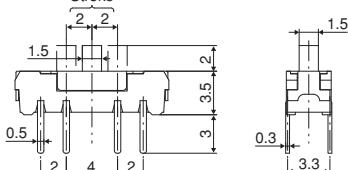
● Operating force : 0.49~3.92 N [50~400 gf]

PC Hole Layouts

(Top view)

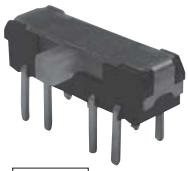


Terminal numbers are not shown on the switch.

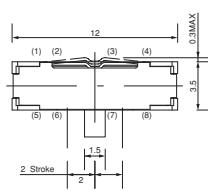


★MHS232

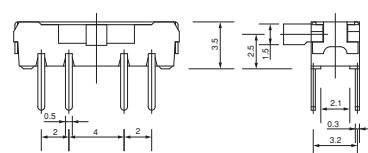
Non-shorting



R/A



↓A

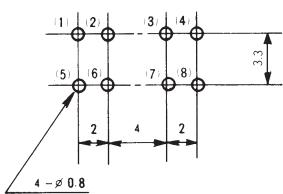


Switching function (Viewed from A)			Circuit diagram	No. of terminals
			(3)---(1)---(2) (3)---(4)---(5) (7)---(6)---(8)	
ON	ON	ON		
3-4	3-2	3-1	(7)---(6)---(8)	
7-8	7-6	7-5	(3)---(1)---(2)	8

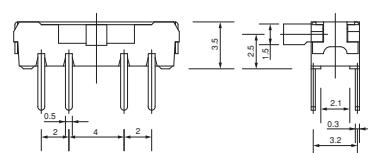
● Operating force : 0.49~3.92 N [50~400 gf]

PC Hole Layouts

(Top view)



Terminal numbers are not shown on the switch.



★ : Made to order products.

