

25000N Series

Miniature Slide Switches

SPECIFICATIONS

Contact ratings:

Gold; 0.4 Volt-Amps (VA) max. at 20 V max. (AC or DC)

Silver; 4 A at 125 VAC, 2 A at 250 VAC or 3 A at 30 VDC

Initial contact resistance: Gold; 50 milliohms max.

Silver; 10 milliohms max.

Insulation resistance: 1000 megohms min. at 500 VDC

Dielectric strength: 1000 V rms min. between terms.

Electrical life: Gold; 20,000 cycles, Silver; 10,000 cycles

Operating temperature range: -40°C to +85°C

Solder heat resistance: 300°C max. for 5 seconds

Washing not recommended.

FEATURES

● **Molded-in terminals.**

● **.100" (2,54mm) and .200" (5,08mm) terminal spacing.**

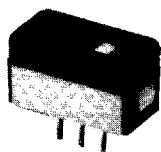
● **Many additional models & options available**
(see page G40).

Contacts & terminals: Gold or silver available (see contact ratings)

Actuator and Cover: Glass filled polyamide

Case: PBT high temp. thermoplastic **Terminal seal:** Epoxy

MODEL NO.	PLATING	ACTION
25136NLDB	Gold	on - on
25139NLDB	Gold	on off on
25136NAB	Silver	on - on
25139NAB	Silver	on off on



VERTICAL ACTUATOR

SINGLE POLE

FLUSH ACTUATOR

FUNCTION
(see pg. G40)

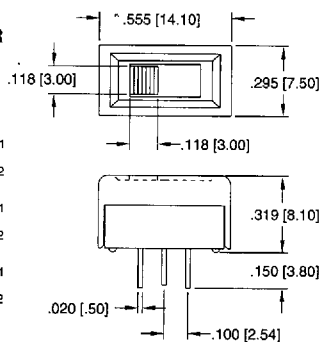
6 9

ON ON

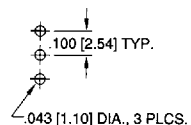
OFF

ON ON

● = COMMON



TRAVEL/THROW; 3 POSITION - .078 (2.00)
2 POSITION - .150 (3.80)

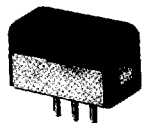


SCHEMATIC

MECHANICAL OUTLINE

P.C. BOARD LAYOUT

MODEL NO.	PLATING	ACTION
25336NLD	Gold	on - on
25339NLD	Gold	on off on
25336NA	Silver	on - on
25339NA	Silver	on off on



RIGHT ANGLE ACTUATOR

SINGLE POLE

FUNCTION
(see pg. G40)

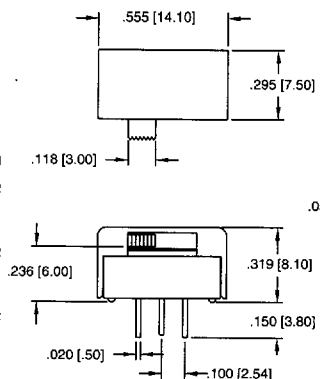
6 9

ON ON

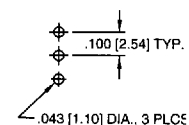
OFF

ON ON

● = COMMON



TRAVEL/THROW; 3 POSITION - .078 (2.00)
2 POSITION - .150 (3.80)

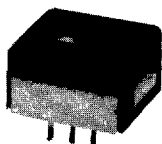


SCHEMATIC

MECHANICAL OUTLINE

P.C. BOARD LAYOUT

MODEL NO.	PLATING	ACTION
25146NLDB	Gold	on - on
25149NLDB	Gold	on off on
25146NAB	Silver	on - on
25149NAB	Silver	on off on



VERTICAL ACTUATOR

DOUBLE POLE

FLUSH ACTUATOR

FUNCTION
(see pg. G40)

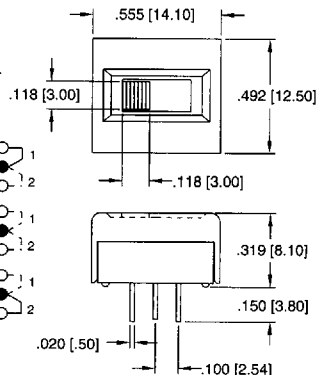
6 9

ON ON

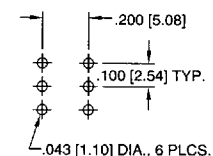
OFF

ON ON

● = COMMON



TRAVEL/THROW; 3 POSITION - .078 (2.00)
2 POSITION - .150 (3.80)



SCHEMATIC

MECHANICAL OUTLINE

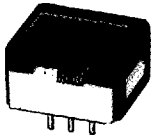
P.C. BOARD LAYOUT

25000N Series

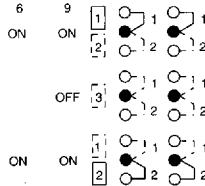
Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MODEL NO.	PLATING	ACTION
25346NLD	Gold	on - on
25349NLD	Gold	on off on
25346NA	Silver	on - on
25349NA	Silver	on off on

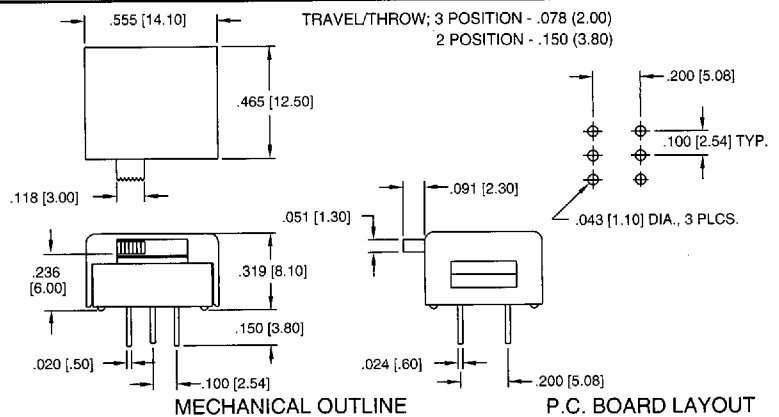


RIGHT ANGLE ACTUATOR

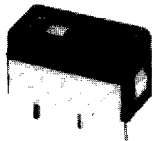
DOUBLE POLEFUNCTION
(see pg. G40)

● = COMMON

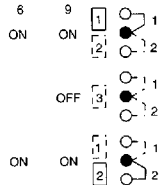
SCHEMATIC



MODEL NO.	PLATING	ACTION
25436NLDB	Gold	on - on
25439NLDB	Gold	on off on
25436NAB	Silver	on - on
25439NAB	Silver	on off on

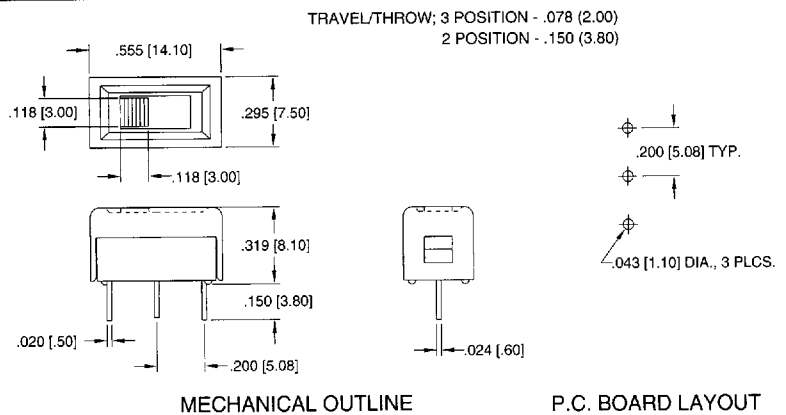


VERTICAL ACTUATOR

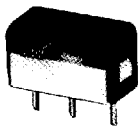
SINGLE POLE**FLUSH ACTUATOR**FUNCTION
(see pg. G40)

● = COMMON

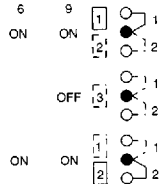
SCHEMATIC



MODEL NO.	PLATING	ACTION
25536NLD	Gold	on - on
25539NLD	Gold	on off on
25536NA	Silver	on - on
25539NA	Silver	on off on

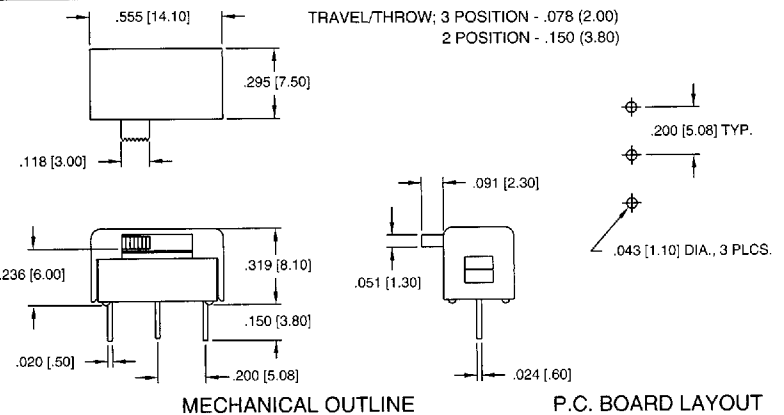


RIGHT ANGLE ACTUATOR

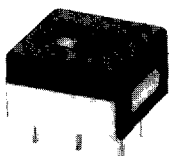
SINGLE POLEFUNCTION
(see pg. G40)

● = COMMON

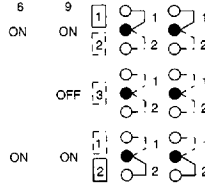
SCHEMATIC



MODEL NO.	PLATING	ACTION
25446NLDB	Gold	on - on
25449NLDB	Gold	on off on
25446NAB	Silver	on - on
25449NAB	Silver	on off on

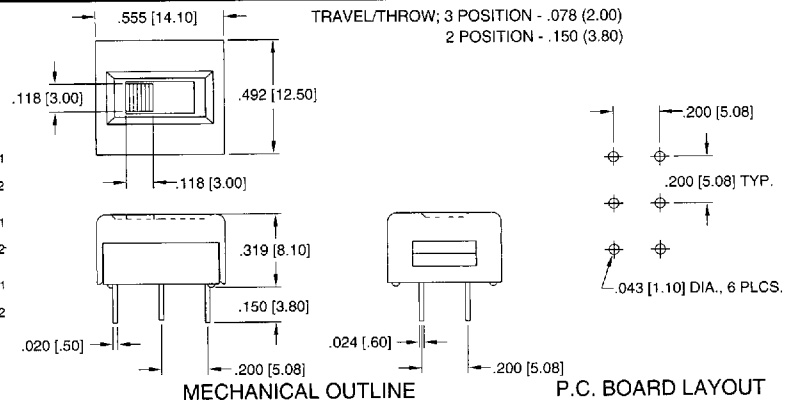


VERTICAL ACTUATOR

DOUBLE POLE**FLUSH ACTUATOR**FUNCTION
(see pg. G40)

● = COMMON

SCHEMATIC

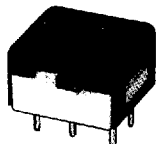


25000N Series

Miniature Slide Switches

MODEL NO. PLATING ACTION

25546NLD	Gold	on - on
25549NLD	Gold	on off on
25546NA	Silver	on - on
25549NA	Silver	on off on



New!

RIGHT ANGLE ACTUATOR

DOUBLE POLE

FUNCTION
(see pg. G40)

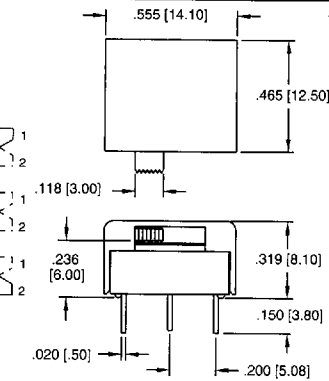
ON ON 1 2 1 2

OFF 1 2 1 2

ON ON 1 2 1 2

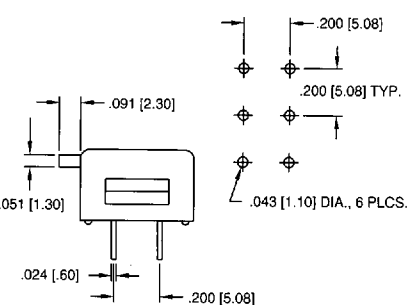
● = COMMON

SCHEMATIC



MECHANICAL OUTLINE

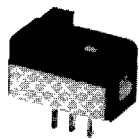
TRAVEL/THROW; 3 POSITION - .078 (2.00)
2 POSITION - .150



P.C. BOARD LAYOUT

MODEL NO. PLATING ACTION

25136NLDH	Gold	on - on
25139NLDH	Gold	on off on
25136NAH	Silver	on - on
25139NAH	Silver	on off on



VERTICAL ACTUATOR

SINGLE POLE

FUNCTION
(see pg. G40)

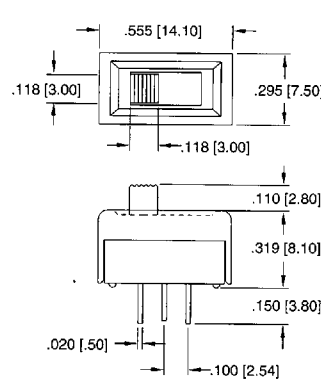
ON ON 1 2

OFF 1 2

ON ON 1 2

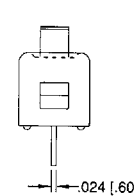
● = COMMON

SCHEMATIC



MECHANICAL OUTLINE

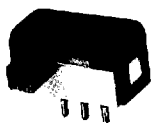
TRAVEL/THROW; 3 POSITION - .078 (2.00)
2 POSITION - .150



P.C. BOARD LAYOUT

MODEL NO. PLATING ACTION

25336NLD6	Gold	on - on
25339NLD6	Gold	on off on
25336NA6	Silver	on - on
25339NA6	Silver	on off on



New!

RIGHT ANGLE ACTUATOR

SINGLE POLE

FUNCTION
(see pg. G40)

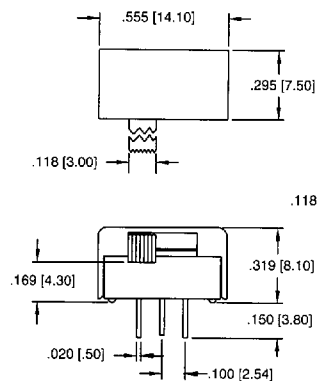
ON ON 1 2

OFF 1 2

ON ON 1 2

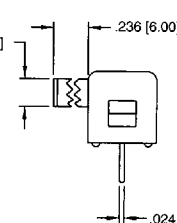
● = COMMON

SCHEMATIC



MECHANICAL OUTLINE

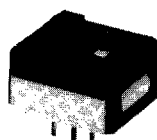
TRAVEL/THROW; 3 POSITION - .078 (2.00)
2 POSITION - .150 (3.80)



P.C. BOARD LAYOUT

MODEL NO. PLATING ACTION

25146NLDH	Gold	on - on
25149NLDH	Gold	on off on
25146NAH	Silver	on - on
25149NAH	Silver	on off on



VERTICAL ACTUATOR

DOUBLE POLE

FUNCTION
(see pg. G40)

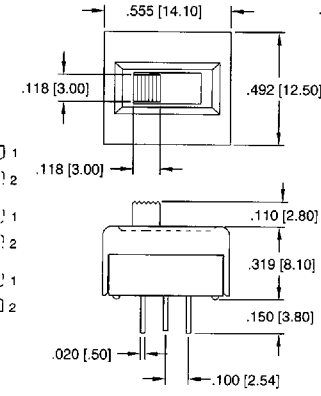
ON ON 1 2 1 2

OFF 1 2 1 2

ON ON 1 2 1 2

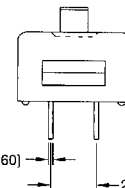
● = COMMON

SCHEMATIC



MECHANICAL OUTLINE

TRAVEL/THROW; 3 POSITION - .078 (2.00)
2 POSITION - .150 (3.80)



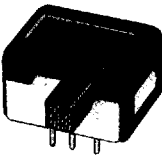
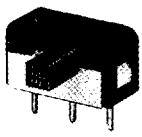
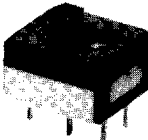
P.C. BOARD LAYOUT

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

25000N Series

Miniature Slide Switches

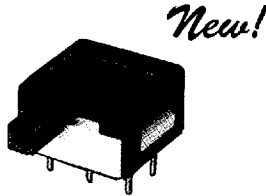
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MODEL NO.	PLATING	ACTION	DOUBLE POLE	TRAVEL/THROW: 3 POSITION - .078 (2.00) 2 POSITION - .150	
25346NLD6	Gold	on - on	FUNCTION (see pg. G40) ON ON OFF ON ON ● = COMMON		
25349NLD6	Gold	on off on			
25346NA6	Silver	on - on			
25349NA6	Silver	on off on			
<i>New!</i>			SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
MODEL NO.	PLATING	ACTION	SINGLE POLE	TRAVEL/THROW: 3 POSITION - .078 (2.00) 2 POSITION - .150	
25436NLDH	Gold	on - on	FUNCTION (see pg. G40) ON ON OFF ON ON ● = COMMON		
25439NLDH	Gold	on off on			
25436NAH	Silver	on - on			
25439NAH	Silver	on off on			
			SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
MODEL NO.	PLATING	ACTION	SINGLE POLE	TRAVEL/THROW: 3 POSITION - .078 (2.00) 2 POSITION - .150 (3.80)	
25536NLD6	Gold	on - on	FUNCTION (see pg. G40) ON ON OFF ON ON ● = COMMON		
25539NLD6	Gold	on off on			
25536NA6	Silver	on - on			
25539NA6	Silver	on off on			
<i>New!</i>			SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
MODEL NO.	PLATING	ACTION	DOUBLE POLE	TRAVEL/THROW: 3 POSITION - .078 (2.00) 2 POSITION - .150 (3.80)	
25446NLDH	Gold	on - on	FUNCTION (see pg. G40) ON ON OFF ON ON ● = COMMON		
25449NLDH	Gold	on off on			
25446NAH	Silver	on - on			
25449NAH	Silver	on off on			
			SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT

25000N Series

Miniature Slide Switches

MODEL NO.	PLATING	ACTION	DOUBLE POLE	TRAVEL/THROW; 3 POSITION - .078 (2.00) 2 POSITION - .150 (3.80)
25546NLD6	Gold	on - on	FUNCTION (see pg. below) ● = COMMON	
25549NLD6	Gold	on off on		
25546NA6	Silver	on - on		
25549NA6	Silver	on off on		



RIGHT ANGLE ACTUATOR

SCHEMATIC

MECHANICAL OUTLINE

P.C. BOARD LAYOUT

Additional ordering information: Commonly ordered models are shown above and on preceding pages with complete model numbers and specifications. Below is an order format that enables you to 'build your own switch' and specify the correct switch model number by simply selecting from all available options shown and filling in the boxes.

'BUILD YOUR OWN SWITCH' ORDER FORMAT

Fill in boxes shown with options selected from below.

* Allowable options for each box are shown under each respective box.

Series	Actuator/ Term. Spacing	Poles	Function	Version	Contact & Term. Mat'l.	Actuator
2 5	1 4 3 5	3 4	6 9	N	A L D	B H H 6 6

* If a single suffix selection is chosen from the Contact & Term. Mat'l. or Actuator categories above, eliminate the extra box.

- (boxes empty, see Actuators below.)

Actuator/Terminal spacing: Dimensions in inches and millimeters.

1 = Vertical actuator and .100" (2.54mm) terminal spacing

4 = Vertical actuator and .200" (5.08mm) terminal spacing

3 = Side actuator and .100" (2.54mm) terminal spacing

5 = Side actuator and .200" (5.08mm) terminal spacing

Poles: 3 = Single Pole 4 = Double Pole

Functions: 6 = ON - ON 9 = ON OFF ON

Version: N = Version specification (Specify for all models)

Contact & terminal materials: See contact ratings under "specifications". A = Silver LD = Gold plated brass

Actuators: Dimensions in inches and millimeters.

B = Flush vertical actuator

H = Vertical actuator .110" (2.80mm) high

H6 = Vertical actuator .236" (6.00mm) high

6 = Side actuator .236" (6.00mm) long

Note: If Actuator boxes are not used, a side actuator

.090" (2.30mm) long will be supplied.