

## Distinctive Characteristics

Subminiature size (1/3 size of Series M switches) saves space on PC boards.

Specifically developed for logic-level applications.

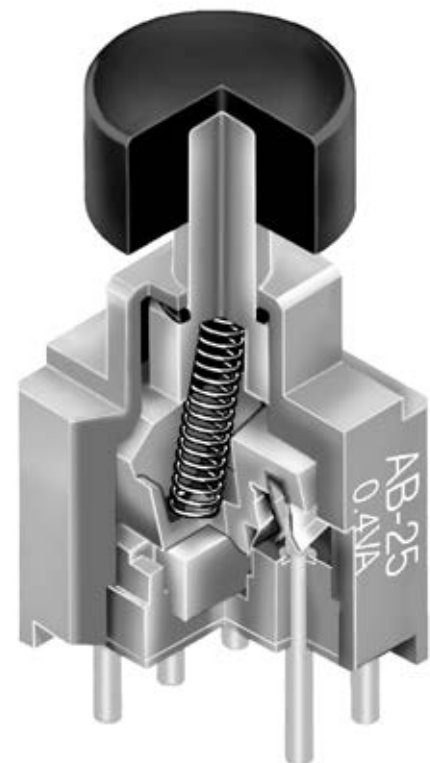
Totally sealed body construction prevents contact contamination and allows time- and money-saving automated soldering and cleaning.

Award-winning STC contact mechanism with benefits unavailable in conventional mechanisms: smoother, positive detent actuation, increased contact stability and unparalleled logic-level reliability. (Additional STC details in Terms & Acronyms; see Supplement section.)

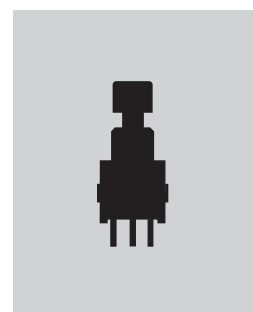
Molded-in, epoxy sealed or ultrasonically welded terminals lock out flux, solvents, and other contaminants.

.100" x .100" (2.54mm x 2.54mm) terminal spacing conforms to standard PC board grid spacing.

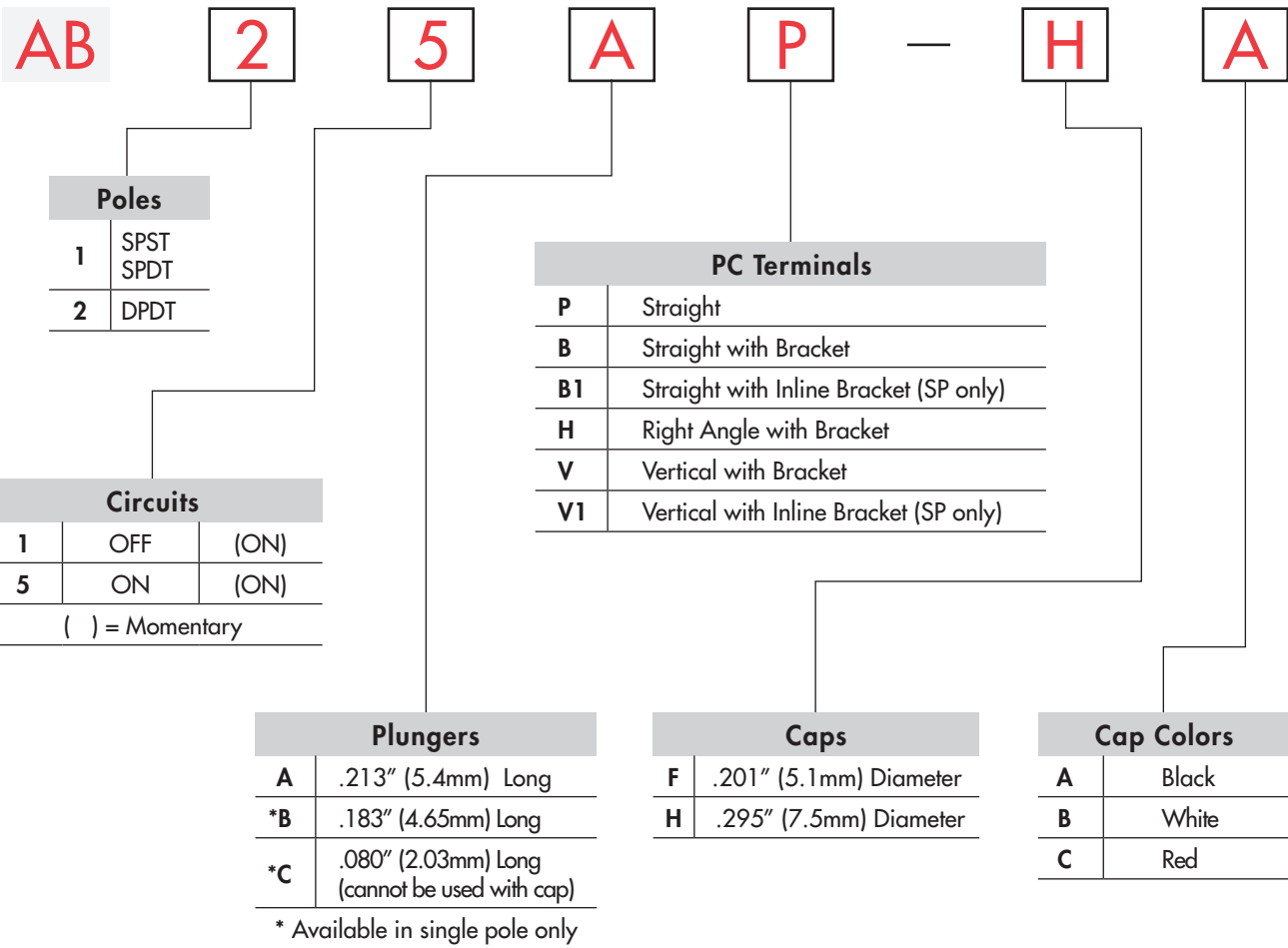
Matching indicators available.



Actual Size

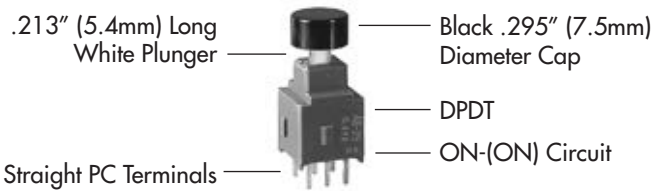


TYPICAL SWITCH ORDERING EXAMPLE

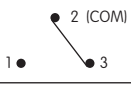
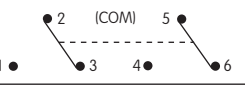


DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

AB25AP-HA



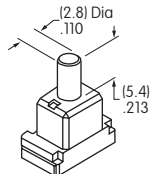
## POLES & CIRCUITS

| Pole | Model | Plunger Position<br>( ) = Momentary                                                         |                                                                                           | Connected Terminals                                                                         |                                                                                            | Throw & Schematics                                                                       |
|------|-------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|      |       | Normal<br> | Down<br> | Normal<br> | Down<br> |                                                                                          |
| SP   | AB11  | OFF                                                                                         | (ON)                                                                                      | OPEN                                                                                        | 3-1                                                                                        | SPST  |
| SP   | AB15  | ON                                                                                          | (ON)                                                                                      | 2-3                                                                                         | 2-1                                                                                        | SPDT  |
| DP   | AB25  | ON                                                                                          | (ON)                                                                                      | 2-3 5-6                                                                                     | 2-1 5-4                                                                                    | DPDT  |

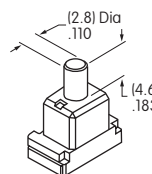
Note: Terminal numbers are not actually on the switch.

## PLUNGERS

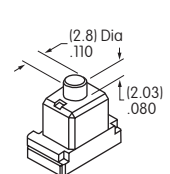
**A** .213" (5.4mm)  
Long



**B** .183" (4.6mm)  
Long  
(on SP only)



**C** .080" (2.03mm)  
Long  
(on SP only)

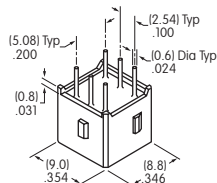


Standard Plunger Color: White

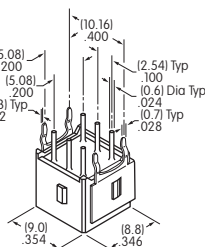
Contact factory for red or black options.

## PC TERMINALS

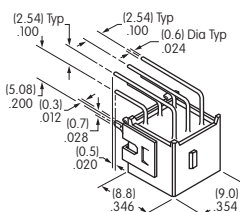
**P** Straight



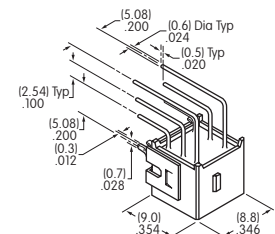
**B** Straight  
with Bracket



**H** Right Angle  
with Bracket



**V** Vertical  
with Bracket



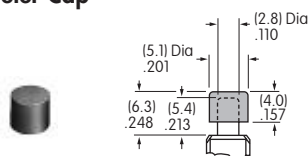
Use of a support bracket is recommended to increase PCB mounting strength and stability.  
B1 & V1 terminal dimensions appear on the pushbutton drawings which follow.

## SLIP-ON CAPS

**F** AT475  
.201" (5.1mm) Diameter Cap

Material: Polyamide

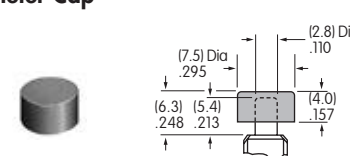
For use with  
plungers A & B only.



**H** AT496  
.295" (7.5mm) Diameter Cap

Material: Polyamide

For use with  
plungers A & B only.



Colors Available:

**A** Black

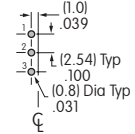
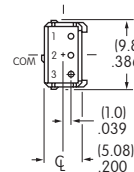
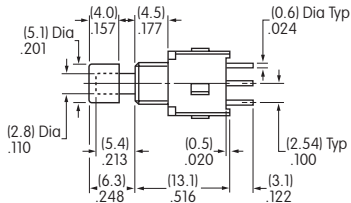
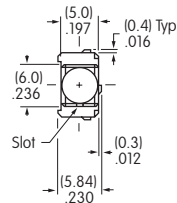
**B** White

**C** Red

### TYPICAL SWITCH DIMENSIONS

#### Straight PC

#### Single Pole

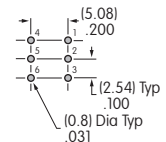
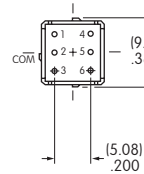
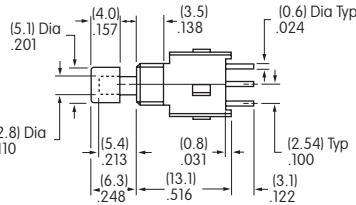
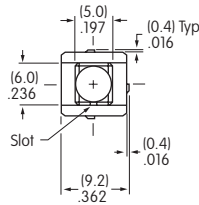


AB15AP-FA

AB11 model does not have terminal 2.

#### Straight PC

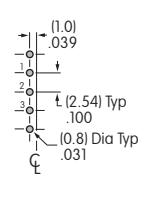
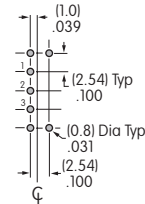
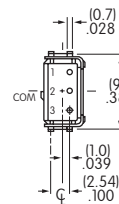
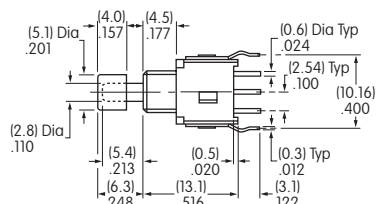
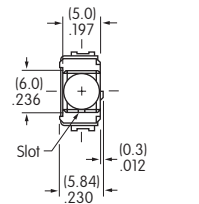
#### Double Pole



AB25AP-FA

#### Straight PC • Bracket

#### Single Pole



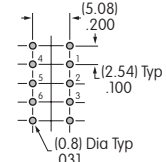
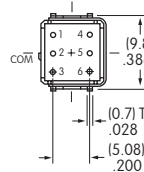
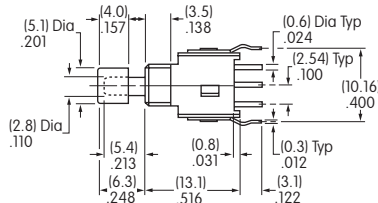
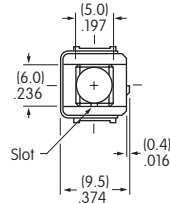
AB15AB-FA

B Terminals

B1 Terminals

#### Straight PC • Bracket

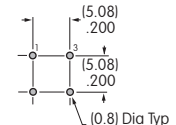
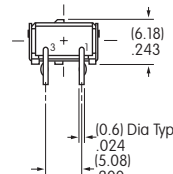
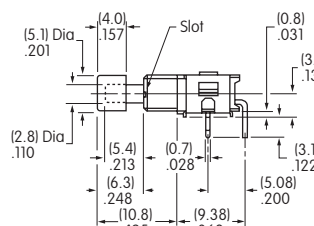
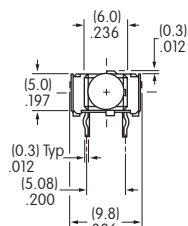
#### Double Pole



AB25AB-FA

#### Right Angle PC

#### Single Pole (Single Throw)

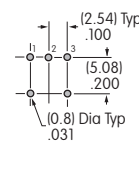
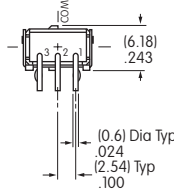
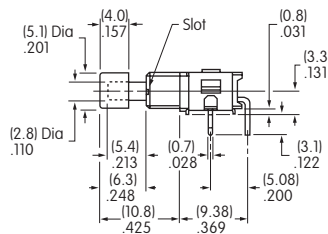
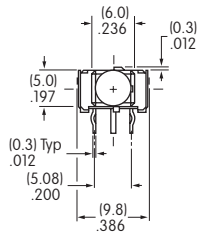


AB11AH-FA

TYPICAL SWITCH DIMENSIONS

Single Pole (Double Throw)

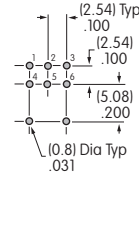
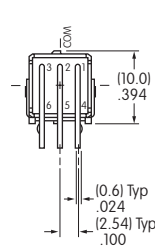
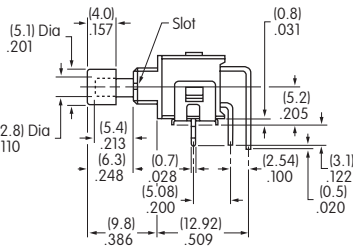
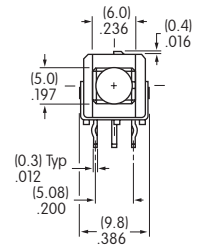
Right Angle PC



AB15AH-FA

Double Pole

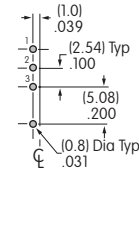
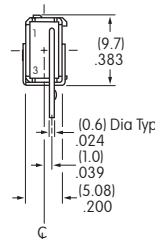
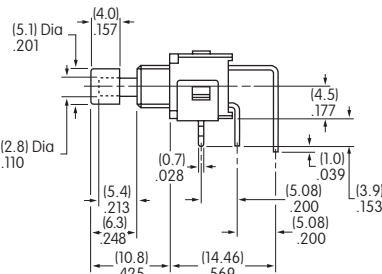
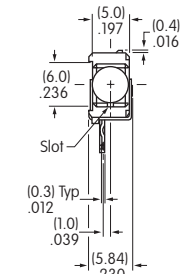
Right Angle PC



AB25AH-FA

Single Pole

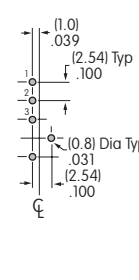
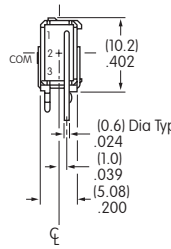
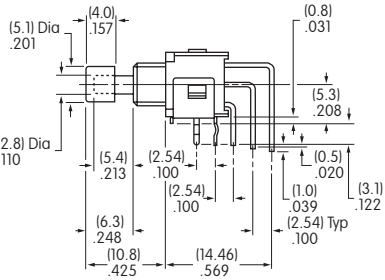
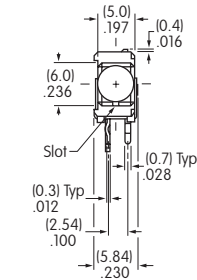
Vertical PC • Inline Bracket



AB11 model does not have terminal 2. AB11AV1-FA

Single Pole

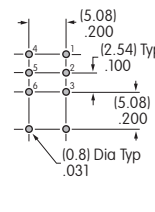
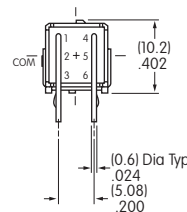
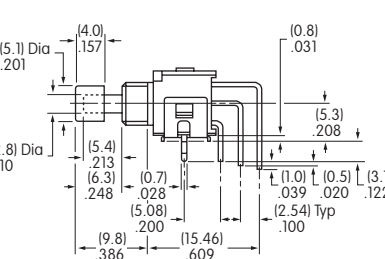
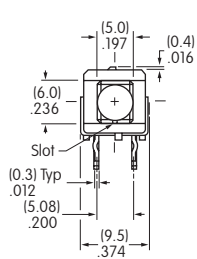
Vertical PC



AB11 model does not have terminal 2. AB15AV-FA

Double Pole

Vertical PC



AB25AV-FA