

# Distinctive Characteristics

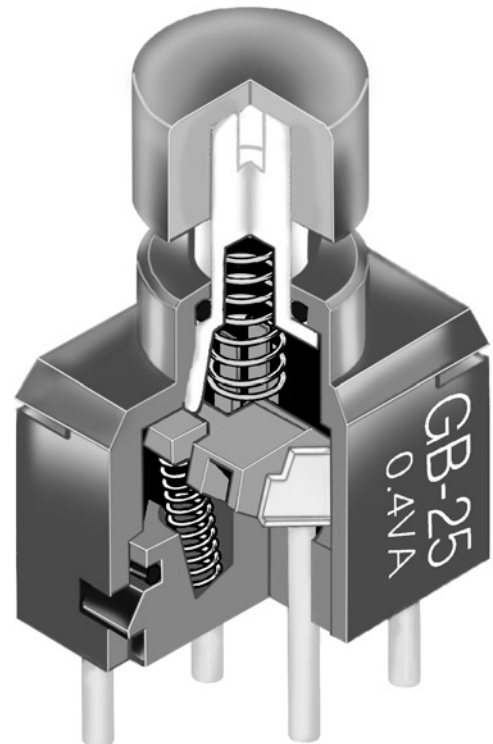
Ultra-miniature size allows high density mounting, and extremely light weight of 0.25 gram makes these switches ideal for handheld equipment.

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

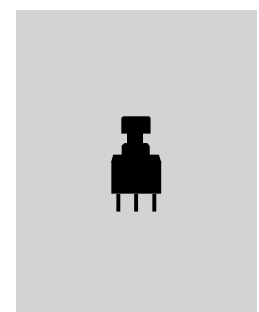
Award-winning STC contact mechanism with benefits unavailable in conventional mechanisms: smoother, positive detent actuation, increased contact stability and unparalleled logic-level reliability. (Additional STC details in Terms & Acronyms; see Supplement section.)

.100" x .100" (2.54mm x 2.54mm) terminal spacing conforms to standard PC board grid-spacing. Round terminals facilitate easier through-hole mounting on PC boards.

Matching indicators available.



Actual Size



TYPICAL SWITCH ORDERING EXAMPLE

GB

1

5

A

H

X

C

**Poles**

|   |      |
|---|------|
| 1 | SPDT |
| 2 | DPDT |

**Circuits**

|                 |    |      |
|-----------------|----|------|
| 5               | ON | (ON) |
| ( ) = Momentary |    |      |

**Plunger**

|   |                    |
|---|--------------------|
| A | .130" (3.3mm) Long |
|---|--------------------|

**PC Terminals**

|   |             |
|---|-------------|
| P | Straight    |
| H | Right Angle |
| V | Vertical    |

**Slip-on Cap**

|   |                        |
|---|------------------------|
| X | .157" (4.0mm) Diameter |
|---|------------------------|

**Cap Colors**

|   |       |
|---|-------|
| A | Black |
| B | White |
| C | Red   |

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

GB15AH-XC

.130" (3.3mm) Long Plunger with

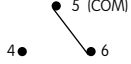
.157" (4.0mm) Diameter Red Cap



SPDT  
ON-(ON) Circuit

Right Angle PC Terminals

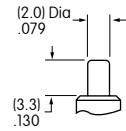
POLES & CIRCUITS

|      |       | Plunger Position<br>( ) = Momentary                                                           |                                                                                             | Connected Terminals                                                                           |                                                                                              | Throw & Schematics                                                                            |
|------|-------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Pole | Model | Normal<br> | Down<br> | Normal<br> | Down<br> |                                                                                               |
| SP   | GB15  | ON                                                                                            | (ON)                                                                                        | 5-6                                                                                           | 5-4                                                                                          | SPDT<br> |
| DP   | GB25  | ON                                                                                            | (ON)                                                                                        | 5-6 2-3                                                                                       | 5-4 2-1                                                                                      | DPDT<br> |

PLUNGER

A

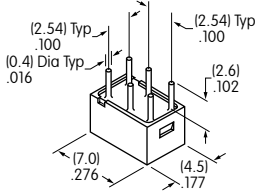
.130" (3.3mm) Long Plunger



PC TERMINALS

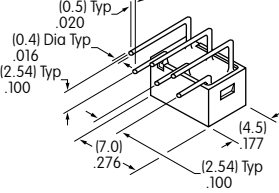
P

Straight



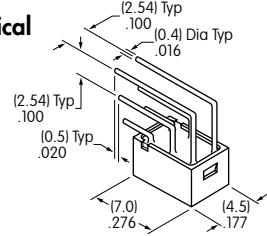
H

Right Angle



V

Vertical



## SLIP-ON CAP & COLORS

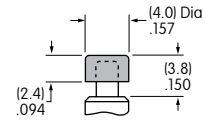
**X** **AT4063**  
**.157" (4.0mm) Diameter Slip-on Cap**

Material: Polyamide

Finish: Glossy



Actual Size



Cap Colors Available:



Black



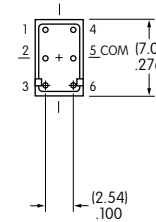
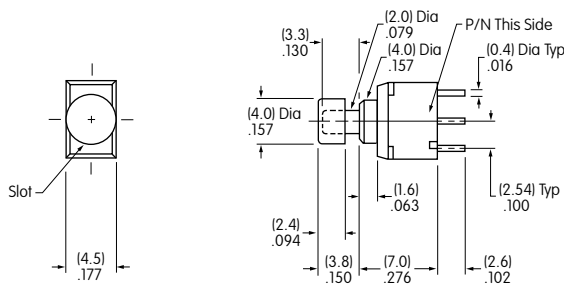
White



Red

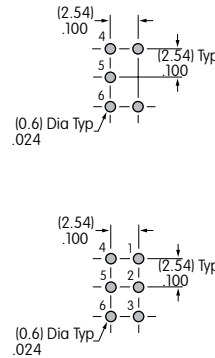
## TYPICAL SWITCH DIMENSIONS

### Single & Double Pole



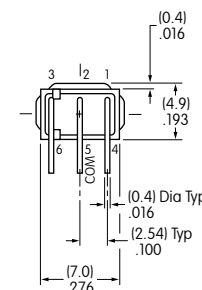
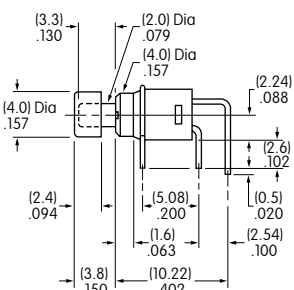
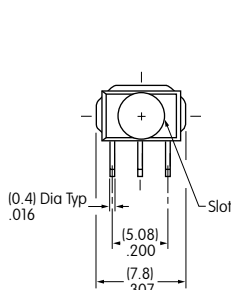
On single pole switches terminals 1 & 3 are support pins.

### Straight PC

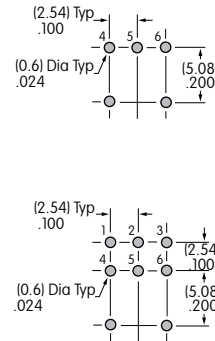


GB25AP-XC

### Single & Double Pole

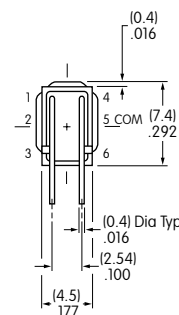
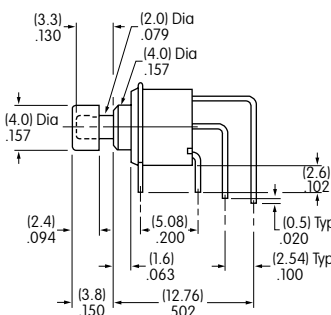
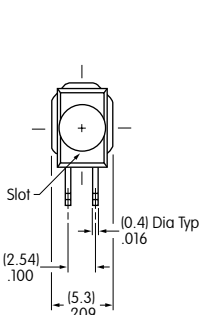


### Right Angle PC

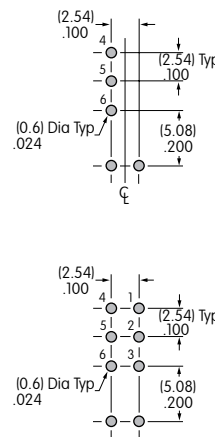


GB25AH-XC

### Single & Double Pole



### Vertical PC



GB25AV-XC