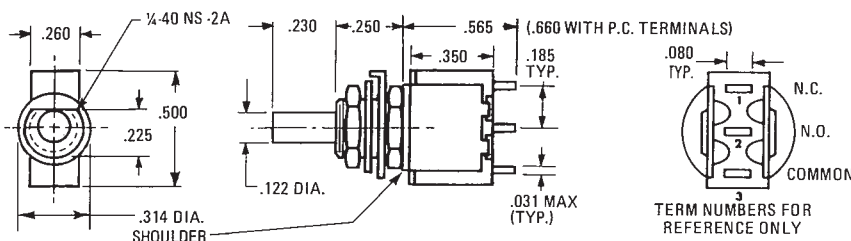


# Sensitive Snap-Action Pushbutton Switches — Solder and P.C. Terminals (Momentary Action)

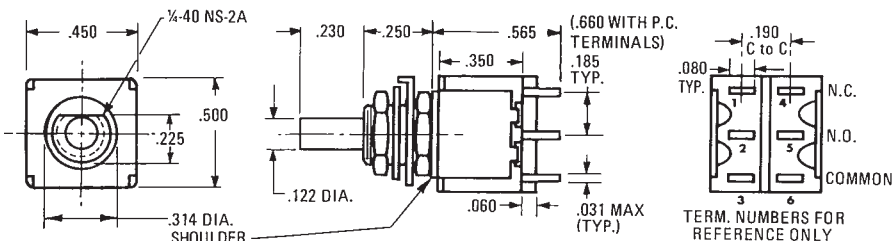
**PS  
SERIES**

5 AMP. (S.P.)  
1 AMP (D.P.)  
0.4 VA

## DIRECT PANEL MOUNT



ONE POLE



TWO POLE

| Basic P/N | Terminal Type                                   | Poles                  | Cap Size                                                                                        | Cap Color                                       | Contact Material-Type                                                      |
|-----------|-------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------|
| PS        | 1 - Solder lug<br>2 - Printed Circuit Terminals | 1 - One ①<br>2 - Two ① | 0 - No Cap<br>1 - .200 Dia.<br>2 - .375 Dia.<br>3 - .450 Sq.<br>4 - .310 Dia.<br>5 - .780 Sq. ③ | 0 - No Cap<br>1 - Black<br>2 - White<br>3 - Ted | B - Gold/Nickel/Brass ②<br>G - Gold/Nickel/Silver ① ②<br>Q - Coin Silver ① |

① Single pole circuit rated 5 amps, double pole circuit rated 1 amp.

② Ratings are 0.4 VA — 28 BAC or DC

③ Supplied with .90" square black bezel as Standard

### EXAMPLES:

PS1-100Q = One-pole, S.L., 5 amp., No Cap, Coin Silver Contacts

PS2-221B = Two-pole, PC, .4 VA, .375 Dia., Black Cap., Gold/Nickel/Brass Contacts

NEW .780" SQUARE  
CAP AND BEZEL



W-NU-29A

DECORATIVE FACE NUTS

(SEE NOTE UNDER MATERIALS)

## SPECIFICATIONS

**Contact Rating** — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G — (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V max. (AC or DC).

**Contact Resistance** — 50 milliohms maximum.

**Insulation Resistance** — 1,000 megohms minimum.

**Dielectric Strength** — 1,000 volts RMS minimum at sea level.

**Electrical Life** — 60,000 cycles minimum at full load-resistive.

**Maximum Allowable Installation Force on Plunger** — 10 pounds.

Multi-pole contacts do not make and break simultaneously.

## MATERIALS

**Case** — Diallyl Phthalate.

**Bushing** — Brass, nickel plated.

**Housing** — Stainless steel.

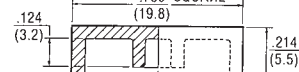
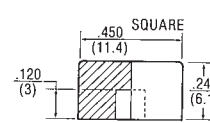
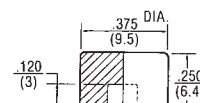
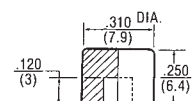
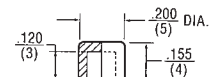
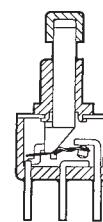
**Plunger** — Thermoplastic.

**Common Contact** — Refer to contact material table above.

**Center & End Contact** — Refer to contact material table above.

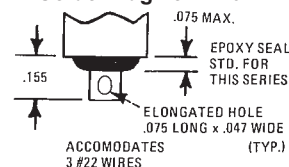
**Hardware** — (2) Hex nuts W-NU-11, brass nickel plated. (1) Internal tooth lockwasher W-WA-16, steel chromium plated. (1) Locking Ring W-RI-16, C.R.S. nickel plated.

**Decorative Face Nuts** — Brass, bright chrome plated. See Page 16 for complete dimensions.

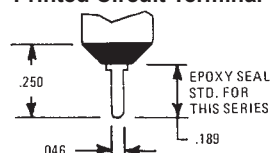


| Description      | P/N           | Color |
|------------------|---------------|-------|
| Small Cap .200   | W-KN-16       | Black |
|                  | W-KN-16A      | White |
|                  | W-KN-16B      | Red   |
| Medium Cap .310  | W-KN-32       | Black |
|                  | W-KN-32A      | White |
| Large Cap .375   | W-KN-32B      | Red   |
|                  | W-KN-17       | Black |
| Square Cap .450  | W-KN-17A      | White |
|                  | W-KN-17B      | Red   |
| .780 Square Cap  | W-KN-18       | Black |
|                  | W-KN-18A      | White |
| .90 Square Bezel | W-KN-18B      | Red   |
|                  | W-KN-52       | Black |
|                  | W-KN-52A      | White |
|                  | W-KN-52B      | Red   |
|                  | Bezel W-BZ-21 | Black |

### Solder Lug Terminal



### Printed Circuit Terminal

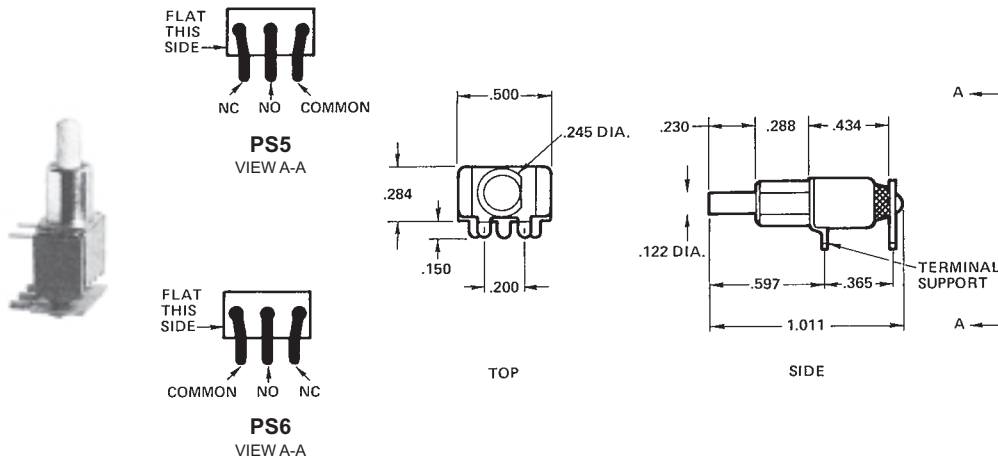


**PS  
SERIES**

**5 AMP. (S.P.)  
0.4VA**

**Sensitive Snap-Action Pushbutton Switches —  
P.C. Terminals (Momentary Action)**

**RIGHT ANGLE MOUNT IN P.C. BOARDS (HORIZONTAL)**



| Basic P/N | Terminal Type                                        | Poles   | Cap Size                                                                      | Cap Color                                       | Contact Material-Type                                                     |
|-----------|------------------------------------------------------|---------|-------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|
| PS        | 5 - Rt. Angle P.C. Mount<br>6 - Rt. Angle P.C. Mount | 1 - One | 0 - No Cap<br>1 - .200 Dia.<br>2 - .375 Dia.<br>3 - .450 Sq.<br>4 - .310 Dia. | 0 - No Cap<br>1 - Black<br>2 - White<br>3 - Red | B - Gold/Nickel/Brass ②<br>G - Gold/Nickel/Silver ①②<br>Q - Coin Silver ② |

① Rating is 5 amps — 125 VAC or 28 VDC.

② Ratings are 0.4 VA — 28 VAC or DC.

**ORDERING EXAMPLES:**

PS5-100G = (Rt. Angle P.C. mount 5 amp.) One-pole No Cap No Color Gold/Nickel/Silver Contacts

P S 5 - 1 0 0 G

PS6-121Q = (Rt. Angle P.C. mount 5 amp.) One-pole .375 Dia. Black Cap Coin Silver Contacts

P S 6 - 1 2 1 Q

**SPECIFICATIONS**

**Contact Rating** — Letter codes G and Q — 5 amp resistive @ 125 VAC or 28 VDC.

Letter codes B and G — 0.4 volts-amps (VA) maximum @ 28 VAC or DC.

**Contact Resistance** — 50 milliohms maximum.

**Insulation Resistance** — 1,000 megohms minimum.

**Dielectric Strength** — 1,000 volts RMS minimum at sea level.

**Electrical Life** — 60,000 cycles minimum at full load.

**Maximum Allowable Installation Force on Plunger** — 10 pounds.

**MATERIALS**

**Case** — Diallyl Phthalate.

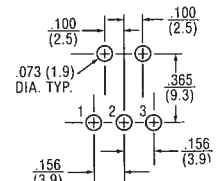
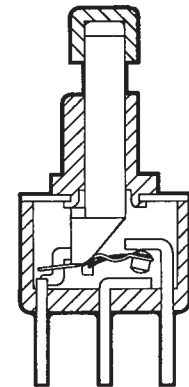
**Bushing** — Brass, nickel plated.

**Housing** — Stainless steel.

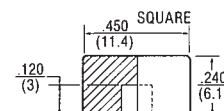
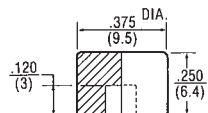
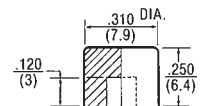
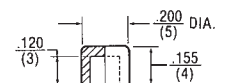
**Plunger** — Thermoplastic.

**Common Contact** — Refer to contact material table above.

**Center & End Contact** — Refer to contact material table above.



Mounting Information



| Description        | P/N      | Color |
|--------------------|----------|-------|
| Small Cap<br>.200  | W-KN-16  | Black |
|                    | W-KN-16A | White |
|                    | W-KN-16B | Red   |
| Medium Cap<br>.310 | W-KN-32  | Black |
|                    | W-KN-32A | White |
|                    | W-KN-32B | Red   |
| Large Cap<br>.375  | W-KN-17  | Black |
|                    | W-KN-17A | White |
|                    | W-KN-17B | Red   |
| Square Cap<br>.450 | W-KN-18  | Black |
|                    | W-KN-18A | White |
|                    | W-KN-18B | Red   |

**Sensitive Snap-Action Pushbutton Switches —  
P.C. Terminals (Momentary Action)**

**PS  
SERIES**

5 AMP. (S.P.)  
1 AMP. (D.P.)  
0.4VA

**RIGHT ANGLE P.C. MOUNT SWITCHES**

| Basic P/N | Terminal Type                                               | Poles     | Cap Size      | Cap Color  | Contact Material-Type      |
|-----------|-------------------------------------------------------------|-----------|---------------|------------|----------------------------|
| PS        | 9 - Horizontal Right Angle                                  | 1 - One ① | 0 - No Cap    | 0 - No Cap | B - Gold/Nickel/Brass ②    |
|           | 10 - Vertical Right Angle<br>(.100 Terminal Spacing)        |           | 1 - .200 Dia. | 1 - Black  | G - Gold/Nickel/Silver ① ② |
|           | 11 - Vertical Right Angle 0.4 VA<br>(.150 Terminal Spacing) | 2 - Two ① | 2 - .375 Dia. | 2 - White  | Q - Coin Silver ①          |
|           |                                                             |           | 3 - .450 Sq.  | 3 - Red    |                            |
|           |                                                             |           | 4 - .310 Dia. |            |                            |

① Single pole circuit rated 5 amps, double pole circuit rated 1 amp.

② Ratings are 0.4 VA — 28 VAC or DC.

**ORDERING EXAMPLES:**

|            |                     |          |           |           |                                |
|------------|---------------------|----------|-----------|-----------|--------------------------------|
| PS9-100B = | (PC mounted 0.4 VA) | One-pole | No Cap    | No Color  | Gold/Nickel/<br>Brass Contacts |
|            | P S 9               | -        | 1         | 0         | 0 B                            |
| PS10-221Q= | (PC mounted 1 amp.) | Two-pole | .375 Dia. | Black Cap | Coin Silver Contacts           |
|            | P S 10              | -        | 2         | 2         | 1 Q                            |

**SPECIFICATIONS**

**Contact Rating** — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G — (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V maximum (AC or DC).

**Contact Resistance** — 50 milliohms maximum.

**Insulation Resistance** — 1,000 megohms minimum.

**Dielectric Strength** — 1,000 volts RMS minimum at sea level.

**Electrical Life** — 60,000 cycles minimum at full load-resistive.

**Maximum Allowable Installation Force on Plunger** — 10 pounds.

Multi-pole contacts do not make and break simultaneously.

**MATERIALS**

**Case** — Diallyl Phthalate.

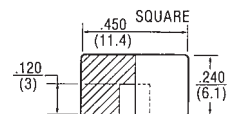
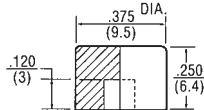
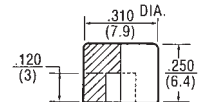
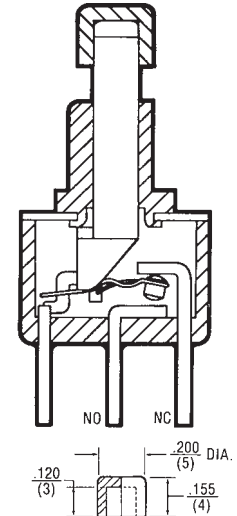
**Bushing** — Brass, nickel plated.

**Housing** — Stainless steel.

**Plunger** — Thermoplastic.

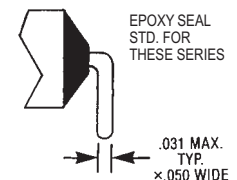
**Common Contact** — Refer to contact material table above.

**Center & End Contact** — Refer to contact material table above.



| Description        | P/N      | Color |
|--------------------|----------|-------|
| Small Cap<br>.200  | W-KN-16  | Black |
|                    | W-KN-16A | White |
|                    | W-KN-16B | Red   |
| Medium Cap<br>.310 | W-KN-32  | Black |
|                    | W-KN-32A | White |
|                    | W-KN-32B | Red   |
| Large Cap<br>.375  | W-KN-17  | Black |
|                    | W-KN-17A | White |
|                    | W-KN-17B | Red   |
| Square Cap<br>.450 | W-KN-18  | Black |
|                    | W-KN-18A | White |
|                    | W-KN-18B | Red   |

**Right Angle P.C. Terminal**



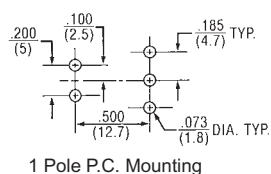
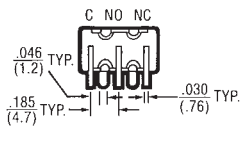
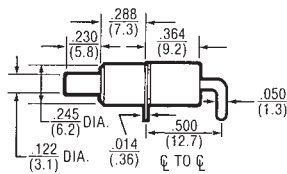
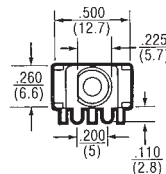
**Sensitive Snap-Action Pushbutton Switches —  
P.C. Terminals (Momentary Action)**

**PS  
SERIES**

5 AMP. (S.P.)  
1 AMP. (D.P.)  
0.4VA

**RIGHT ANGLE P.C. MOUNT SWITCHES**

**PS 9**

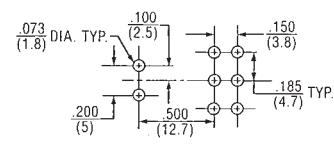
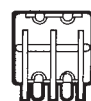
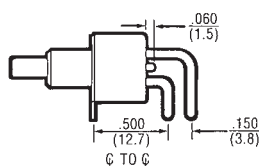
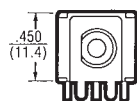


1 Pole P.C. Mounting

ONE POLE

**EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.**

**PS 9**

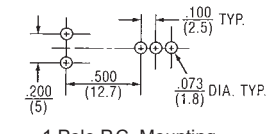
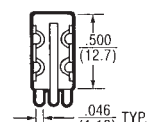
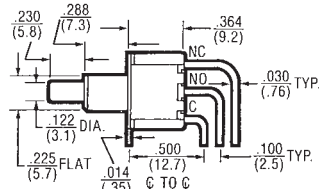
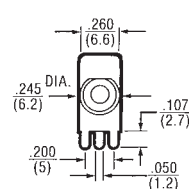


2 Pole P.C. Mounting

TWO POLE

**EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.**

**PS 10**

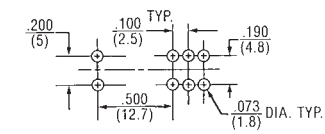
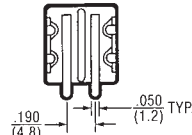
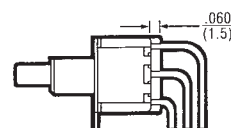
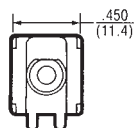


1 Pole P.C. Mounting

ONE POLE

**EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.**

**PS 10**

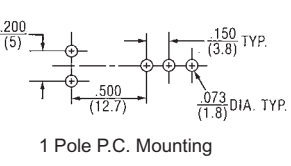
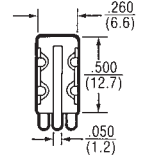
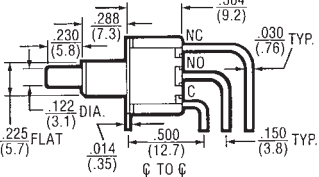
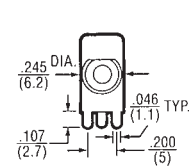


2 Pole P.C. Mounting

TWO POLE

**EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.**

**PS 11**

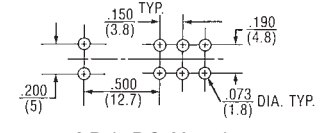
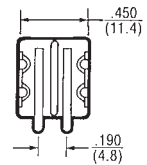
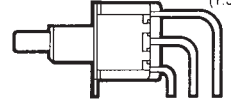


1 Pole P.C. Mounting

ONE POLE

**EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.**

**PS 11**



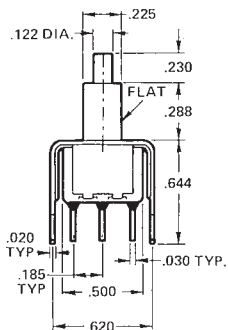
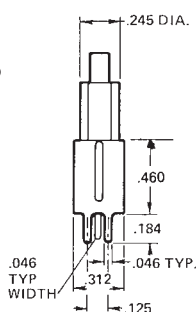
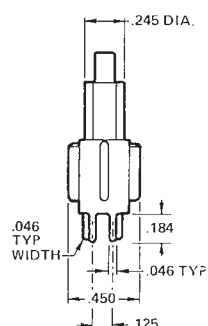
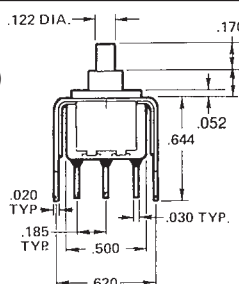
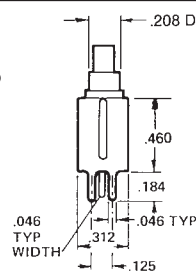
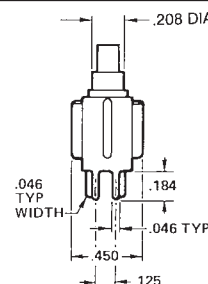
2 Pole P.C. Mounting

TWO POLE

**EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.**

**Sensitive Snap-Action Pushbutton Switches —  
P.C. Terminals (Momentary Action)**
**PS  
SERIES**

 5 AMP. (S.P.)  
 1 AMP. (D.P.)  
 0.4 VA

**VERTICAL P.C. MOUNT (.460 x .620 BRACKET)**
**PS7  
(LONG BUSHING)**

**SP**

**DP**

**PS8  
(SHORT BUSHING)**

**SP**

**DP**


| Basic P/N | Terminal Type                    | Poles                                                                                                                                                                                      | Cap Size                                                                      | Cap Color                            | Contact Material-Type                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PS        | 7 - PC Mounted<br>8 - PC Mounted | 1 - One <br>2 - Two  | 0 - No Cap<br>1 - .200 Dia.<br>2 - .375 Dia.<br>3 - .450 Sq.<br>4 - .310 Dia. | 0 - No Cap<br>1 - Black<br>2 - White | B - Gold/Nickel/Brass <br>G - Gold/Nickel/Silver  <br>Q - Coin Silver  |

 Single pole circuit rated 5 amps, double pole circuit rated 1 amp.

 Ratings are 0.4 VA — 28 VAC or DC.

**ORDERING EXAMPLES:**

 PS7-100G = (PC mounted 5 amp.) One-pole No Cap No Color Gold/Nickel/  
Silver Contacts

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| P | S | 7 | - | 1 | 0 | 0 | G |
|---|---|---|---|---|---|---|---|

 PS8-221B = (PC mounted 0.4 VA) Two-pole .375 Dia. Black Cap Gold/Nickel/  
Brass Contacts

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| P | S | 8 | - | 2 | 2 | 1 | B |
|---|---|---|---|---|---|---|---|

**SPECIFICATIONS**

**Contact Rating** — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G — (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V maximum (AC or DC).

**Contact Resistance** — 50 milliohms maximum.

**Insulation Resistance** — 1,000 megohms minimum.

**Dielectric Strength** — 1,000 volts RMS minimum at sea level.

**Electrical Life** — 60,000 cycles minimum at full load-resistive.

**Maximum Allowable Installation Force on Plunger** — 10 pounds.

Multi-pole contacts do not make and break simultaneously.

**MATERIALS**

**Case** — Diallyl Phthalate.

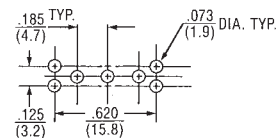
**Bushing** — Brass, nickel plated.

**Housing** — Stainless steel.

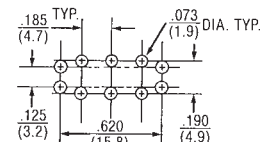
**Plunger** — Thermoplastic.

**Common Contact** — Refer to contact material table above.

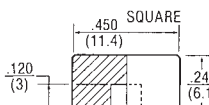
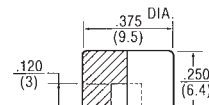
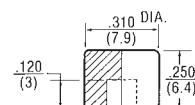
**Center & End Contact** — Refer to contact material table above.



1 Pole P.C. Mounting



2 Pole P.C. Mounting



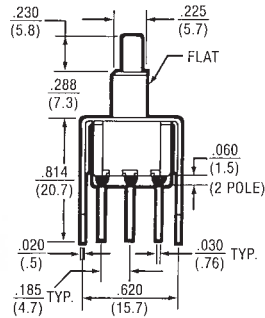
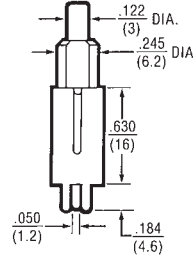
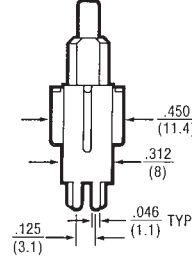
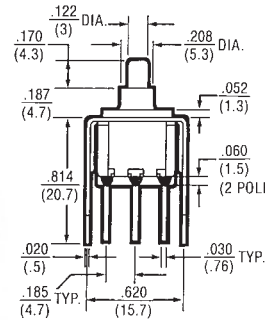
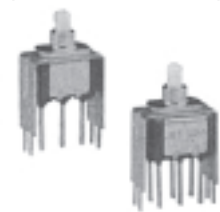
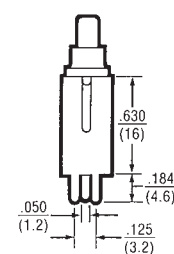
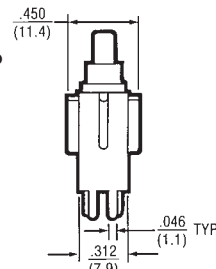
| Description     | P/N      | Color |
|-----------------|----------|-------|
| Small Cap .200  | W-KN-16  | Black |
|                 | W-KN-16A | White |
|                 | W-KN-16B | Red   |
| Medium Cap .310 | W-KN-32  | Black |
|                 | W-KN-32A | White |
|                 | W-KN-32B | Red   |
| Large Cap .375  | W-KN-17  | Black |
|                 | W-KN-17A | White |
|                 | W-KN-17B | Red   |
| Square Cap .450 | W-KN-18  | Black |
|                 | W-KN-18A | White |
|                 | W-KN-18B | Red   |

**Printed Circuit Terminal**


## Sensitive Snap-Action Pushbutton Switches — P.C. Terminals (Momentary Action)

|                      |                      |
|----------------------|----------------------|
| <b>PS<br/>SERIES</b> | <b>5 AMP. (S.P.)</b> |
|                      | <b>1 AMP. (D.P.)</b> |
|                      | <b>0.4 VA</b>        |

### VERTICAL P.C. MOUNT (.630 x .620 BRACKET)

**PS71  
(LONG BUSHING)**

**SP**

**DP**

**PS81  
(SHORT BUSHING)**

**SP**

**DP**


| Basic P/N | Terminal Type   | Poles     | Cap Size      | Cap Color  | Contact Material-Type      |
|-----------|-----------------|-----------|---------------|------------|----------------------------|
| PS        | 71 - PC Mounted | 1 - One ① | 0 - No Cap    | 0 - No Cap | B - Gold/Nickel/Brass ②    |
|           | 81 - PC Mounted | 2 - Two ① | 1 - .200 Dia. | 1 - Black  | G - Gold/Nickel/Silver ① ② |
|           |                 |           | 2 - .375 Dia. | 2 - White  | Q - Coin Silver ①          |
|           |                 |           | 3 - .450 Sq.  | 3 - Red    |                            |
|           |                 |           | 4 - .310 Dia. |            |                            |

① Single pole circuit rated 5 amps, double pole circuit rated 1 amp.

② Ratings are 0.4 VA — 28 VAC or DC.

### ORDERING EXAMPLES:

| ORDERING EXAMPLES: |                     |   |    |          |           |           |   | Gold/Nickel/<br>Brass Contacts |
|--------------------|---------------------|---|----|----------|-----------|-----------|---|--------------------------------|
| PS71-100B=         | (PC mounted 0.4 VA) |   |    | One-pole | No Cap    | No Color  |   |                                |
|                    | P                   | S | 71 | -        | 1         | 0         | 0 | B                              |
| PS81-221Q=         | (PC mounted 1 amp.) |   |    | Two-pole | .375 Dia. | Black Cap |   | Coin Silver Contacts           |
|                    | P                   | S | 81 | -        | 2         | 2         | 1 | Q                              |

### SPECIFICATIONS

**Contact Rating** — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G — (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V maximum (AC or DC).

**Contact Resistance** — 50 milliohms maximum.

**Insulation Resistance** — 1,000 megohms minimum.

**Dielectric Strength** — 1,000 volts RMS minimum at sea level.

**Electrical Life** — 60,000 cycles minimum at full load-resistive.

**Maximum Allowable Installation Force on Plunger** — 10 pounds.

Multi-pole contacts do not make and break simultaneously.

### MATERIALS

**Case** — Diallyl Phthalate.

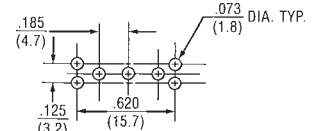
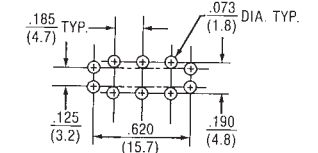
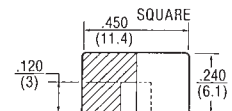
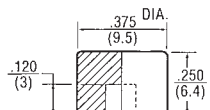
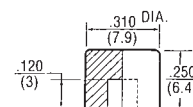
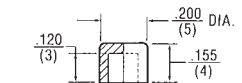
**Bushing** — Brass, nickel plated.

**Housing** — Stainless steel.

**Plunger** — Thermoplastic.

**Common Contact** — Refer to contact material table above.

**Center & End Contact** — Refer to contact material table above.


**1 Pole P.C. Mounting**

**2 Pole P.C. Mounting**


| Description     | P/N      | Color |
|-----------------|----------|-------|
| Small Cap .200  | W-KN-16  | Black |
|                 | W-KN-16A | White |
|                 | W-KN-16B | Red   |
| Medium Cap .310 | W-KN-32  | Black |
|                 | W-KN-32A | White |
|                 | W-KN-32B | Red   |
| Large Cap .375  | W-KN-17  | Black |
|                 | W-KN-17A | White |
|                 | W-KN-17B | Red   |
| Square Cap .450 | W-KN-18  | Black |
|                 | W-KN-18A | White |
|                 | W-KN-18B | Red   |

### Printed Circuit Terminal



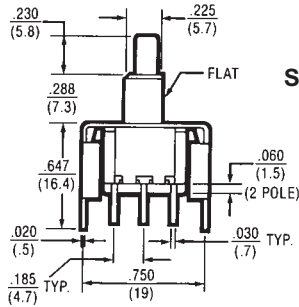
**Sensitive Snap-Action Pushbutton Switches —  
P.C. Terminals (Momentary Action)**

**PS**  
SERIES

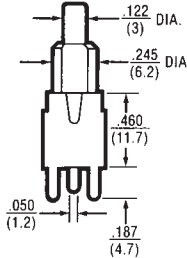
5 AMP. (S.P.)  
1 AMP. (D.P.)  
0.4 VA

**VERTICAL P.C. MOUNT (.460 x .750 BRACKET)**

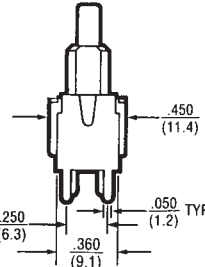
**PS72  
(LONG BUSHING)**



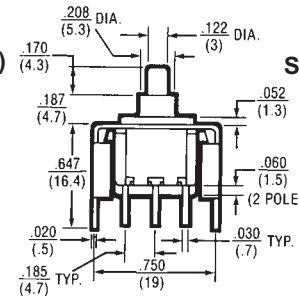
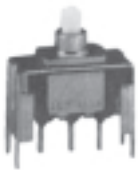
SP



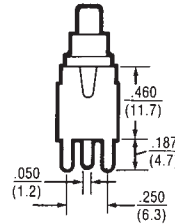
DP



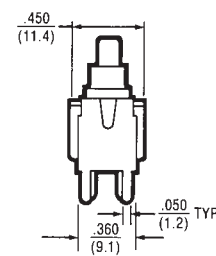
**PS82  
(SHORT BUSHING)**



SP



DP



| Basic P/N | Terminal Type                      | Poles                                                                                                                                                                                      | Cap Size                                                                      | Cap Color                                       | Contact Material-Type                                                                                                                                                                                                                                                                                                                |
|-----------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PS        | 72 - PC Mounted<br>82 - PC Mounted | 1 - One <br>2 - Two  | 0 - No Cap<br>1 - .200 Dia.<br>2 - .375 Dia.<br>3 - .450 Sq.<br>4 - .310 Dia. | 0 - No Cap<br>1 - Black<br>2 - White<br>3 - Red | B - Gold/Nickel/Brass <br>G - Gold/Nickel/Silver <br>Q - Coin Silver  |

-  Single pole circuit rated 5 amps, double pole circuit rated 1 amp.  
 Ratings are 0.4 VA — 28 VAC or DC.

**ORDERING EXAMPLES:**

PS72-100Q= (PC mounted 5 amp.) One-pole No Cap No Color Coin Silver Contacts

   -    

PS82-221B= (PC mounted 0.4 VA) Two-pole .375 Dia. Black Cap Gold/Nickel/Brass Contacts

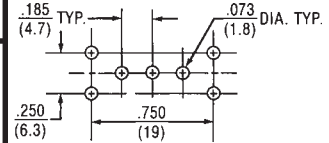
   -    

**SPECIFICATIONS**

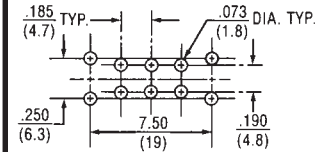
**Contact Rating** — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.  
**Letter codes B and G** — (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V maximum (AC or DC).  
**Contact Resistance** — 50 milliohms maximum.  
**Insulation Resistance** — 1,000 megohms minimum.  
**Dielectric Strength** — 1,000 volts RMS minimum at sea level.  
**Electrical Life** — 60,000 cycles minimum at full load-resistive.  
**Maximum Allowable Installation Force on Plunger** — 10 pounds.  
Multi-pole contacts do not make and break simultaneously.

**MATERIALS**

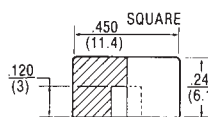
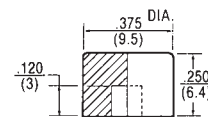
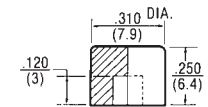
**Case** — Diallyl Phthalate.  
**Bushing** — Brass, nickel plated.  
**Housing** — Stainless steel.  
**Plunger** — Thermoplastic.  
**Common Contact** — Refer to contact material table above.  
**Center & End Contact** — Refer to contact material table above.



1 Pole P.C. Mounting



2 Pole P.C. Mounting



| Description     | P/N      | Color |
|-----------------|----------|-------|
| Small Cap .200  | W-KN-16  | Black |
|                 | W-KN-16A | White |
|                 | W-KN-16B | Red   |
| Medium Cap .310 | W-KN-32  | Black |
|                 | W-KN-32A | White |
|                 | W-KN-32B | Red   |
| Large Cap .375  | W-KN-17  | Black |
|                 | W-KN-17A | White |
|                 | W-KN-17B | Red   |
| Square Cap .450 | W-KN-18  | Black |
|                 | W-KN-18A | White |
|                 | W-KN-18B | Red   |

**Printed Circuit Terminal**



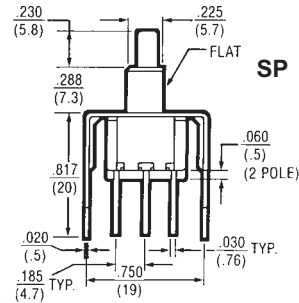
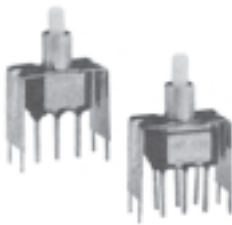
**Sensitive Snap-Action Pushbutton Switches —  
P.C. Terminals (Momentary Action)**

**PS**  
SERIES

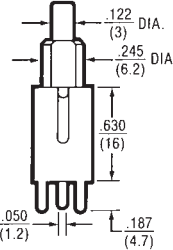
5 AMP. (S.P.)  
1 AMP (D.P.)  
0.4 VA

**VERTICAL P.C. MOUNT (.630 x .750 BRACKET)**

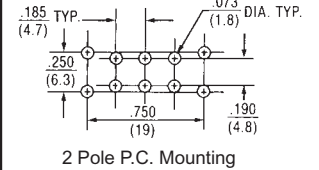
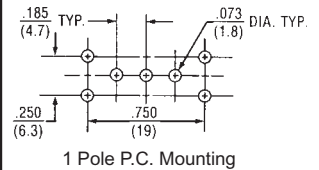
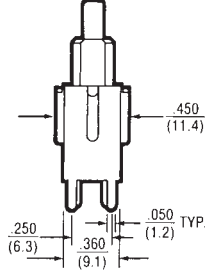
**PS73  
(LONG BUSHING)**



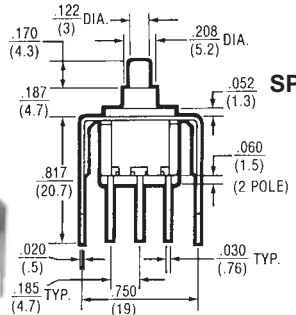
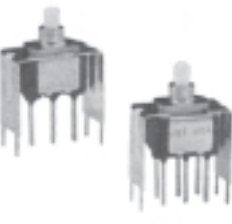
**SP**



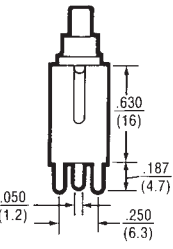
**DP**



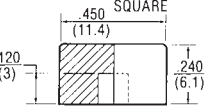
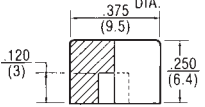
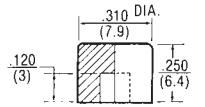
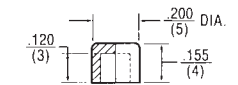
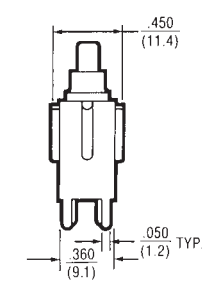
**PS83  
(SHORT BUSHING)**



**SP**



**DP**



| Basic P/N | Terminal Type                      | Poles              | Cap Size                                                                      | Cap Color                                       | Contact Material-Type                                                     |
|-----------|------------------------------------|--------------------|-------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|
| PS        | 73 - PC Mounted<br>83 - PC Mounted | 1 - One<br>2 - Two | 0 - No Cap<br>1 - .200 Dia.<br>2 - .375 Dia.<br>3 - .450 Sq.<br>4 - .310 Dia. | 0 - No Cap<br>1 - Black<br>2 - White<br>3 - Red | B - Gold/Nickel/Brass ②<br>G - Gold/Nickel/Silver ①②<br>Q - Coin Silver ② |

- ① Single pole circuit rated 5 amps, double pole circuit rated 1 amp.  
② Ratings are 0.4 VA — 28 VAC or DC.

**ORDERING EXAMPLES:**

|            |                     |          |           |           |                                 |
|------------|---------------------|----------|-----------|-----------|---------------------------------|
| PS73-100G= | (PC mounted 5 amp.) | One-pole | No Cap    | No Color  | Gold/Nickel/<br>Silver Contacts |
|            | P S 73              | 1        | 0         | 0         | G                               |
| PS83-221B= | (PC mounted 0.4 VA) | Two-pole | .375 Dia. | Black Cap | Gold/Nickel/<br>Brass Contacts  |
|            | P S 83              | 2        | 2         | 1         | B                               |

**SPECIFICATIONS**

**Contact Rating** — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.  
Letter codes B and G — (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V maximum (AC or DC).  
**Contact Resistance** — 50 milliohms maximum.  
**Insulation Resistance** — 1,000 megohms minimum.  
**Dielectric Strength** — 1,000 volts RMS minimum at sea level.  
**Electrical Life** — 60,000 cycles minimum at full load-resistive.  
**Maximum Allowable Installation Force on Plunger** — 10 pounds.  
Multi-pole contacts do not make and break simultaneously.

**MATERIALS**

**Case** — Diallyl Phthalate.  
**Bushing** — Brass, nickel plated.  
**Housing** — Stainless steel.  
**Plunger** — Thermoplastic.  
**Common Contact** — Refer to contact material table above.  
**Center & End Contact** — Refer to contact material table above.

| Description     | P/N      | Color |
|-----------------|----------|-------|
| Small Cap .200  | W-KN-16  | Black |
|                 | W-KN-16A | White |
|                 | W-KN-16B | Red   |
| Medium Cap .310 | W-KN-32  | Black |
|                 | W-KN-32A | White |
|                 | W-KN-32B | Red   |
| Large Cap .375  | W-KN-17  | Black |
|                 | W-KN-17A | White |
|                 | W-KN-17B | Red   |
| Square Cap .450 | W-KN-18  | Black |
|                 | W-KN-18A | White |
|                 | W-KN-18B | Red   |

**Printed Circuit Terminal**



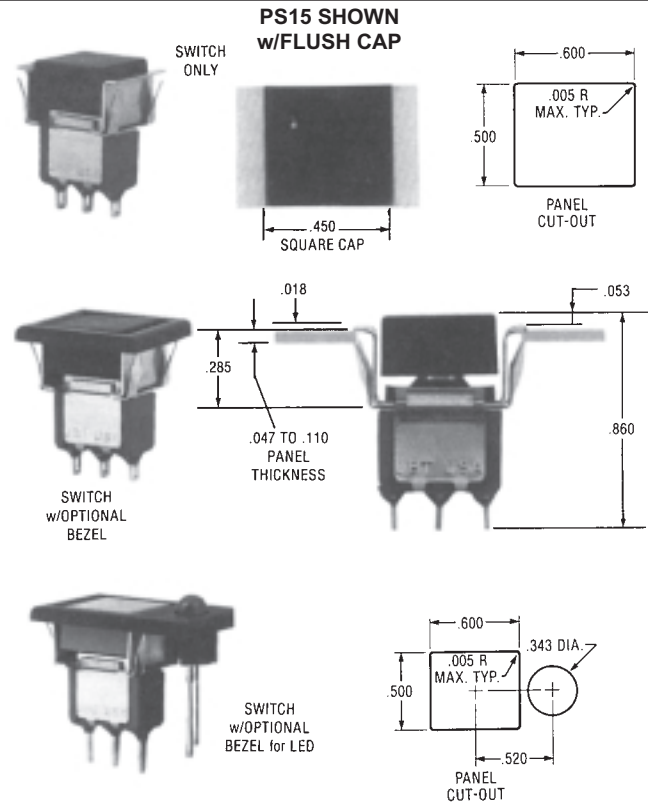
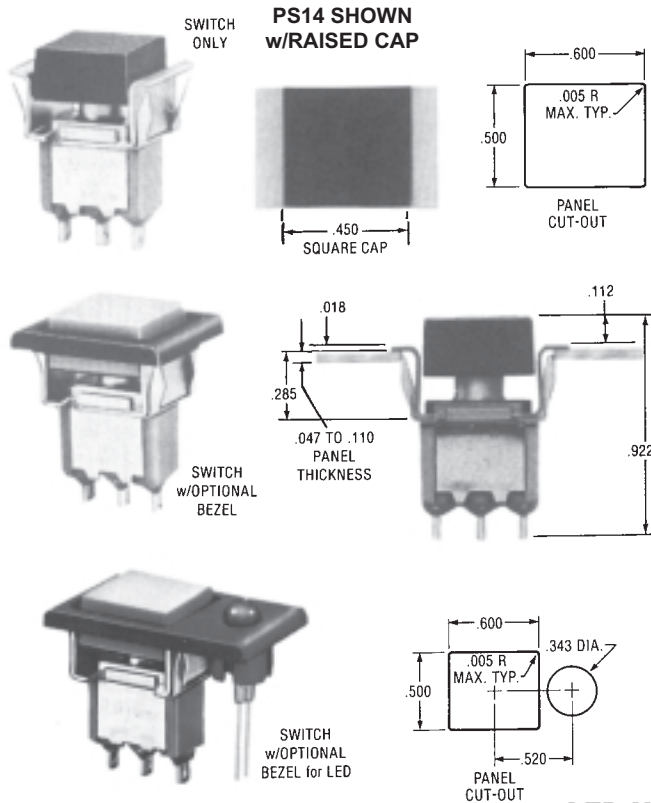
EPOXY SEAL  
STD. FOR  
THIS SERIES

**Sensitive Snap-Action Pushbutton Switches —  
Solder and P.C. Terminals (Momentary Action)**

**PS  
SERIES**

5 AMP. (S.P.)  
1 AMP. (D.P.)  
0.4 VA

**SNAP-IN MOUNT**



**LED Not Included**

| Basic P/N | Cap Configuration<br>Terminal-Rating | Poles                  | Cap Size                   | Cap Color                                       | Optional Features                                     |                                                 |
|-----------|--------------------------------------|------------------------|----------------------------|-------------------------------------------------|-------------------------------------------------------|-------------------------------------------------|
|           |                                      |                        |                            |                                                 | Bezel Color & Type                                    | Contact Material-Type                           |
| PS        | 14 - Raised Cap<br>Solder Lug        | 1 - One ①<br>2 - Two ① | 0 - No Cap<br>1 - .450 Sq. | 0 - No Cap<br>1 - White<br>2 - Black<br>3 - Red | 1 - White<br>2 - Black<br>3 - Red<br>4 - Black or LED | B - Gold/Nickel/Brass ②                         |
|           | 15 - Flush Cap ③<br>Solder Lug       |                        |                            |                                                 |                                                       | G - Gold/Nickel/Silver ① ②<br>Q - Coin Silver ① |
|           | 16 - Raised Cap<br>PC Terminals      |                        |                            |                                                 |                                                       |                                                 |
|           | 17 - Flush Cap ③<br>PC Terminals     |                        |                            |                                                 |                                                       |                                                 |

① Single pole circuit rated 5 amps, double pole circuit rated 1 amp.

② Ratings are 0.4 VA — 28 BAC or DC.

③ Flush cap is flush to bezel, not to mounting bracket.

**EXAMPLES:**

PS14-100Q = Raised Cap, Solder Lug Terminals, 5 Amp, Single Pole, No Cap, Coin Silver Contacts

PS14-1134B = Raised Cap, Solder Lug Terminals, 0.4 VA Rating, Single Pole, .450 Square Red Cap, Black Bezel for LED, Gold/Brass Contact Material

**SPECIFICATIONS**

**Contact Rating** — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G — (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V maximum (AC or DC).

**Contact Resistance** — 50 milliohms maximum.

**Insulation Resistance** — 1,000 megohms minimum.

**Dielectric Strength** — 1,000 volts RMS minimum at sea level.

**Electrical Life** — 60,000 cycles minimum at full load-resistive.

**Maximum Allowable Installation Force on Plunger** — 10 pounds. Multi-pole contacts do not make and break simultaneously.

**MATERIALS**

**Case** — Diallyl Phthalate.

**Bushing** — Brass, nickel plated.

**Housing** — Stainless steel.

**Plunger** — Thermoplastic.

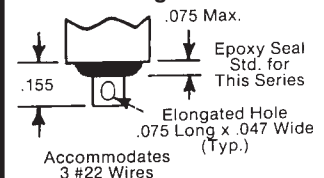
**Pushbutton Cap** — Molded nylon.

**Bezel** — Molded nylon.

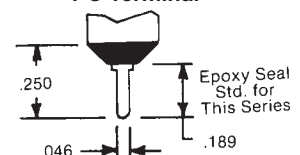
**Common Contact** — Refer to contact material table above.

**Center & End Contact** — Refer to contact material table above.

**Solder Lug Terminal**



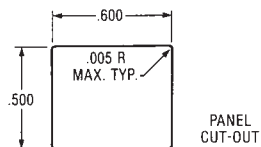
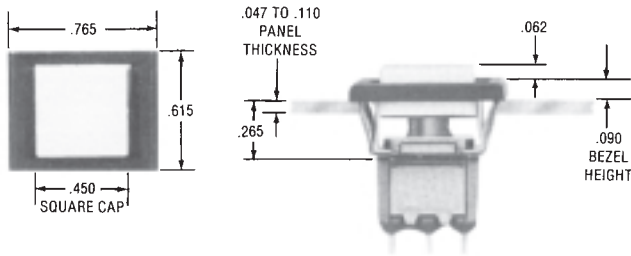
**PC Terminal**



## Sensitive Snap-Action Pushbutton Switches — Solder and P.C. Terminals (Momentary Action)

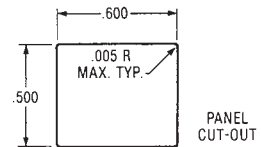
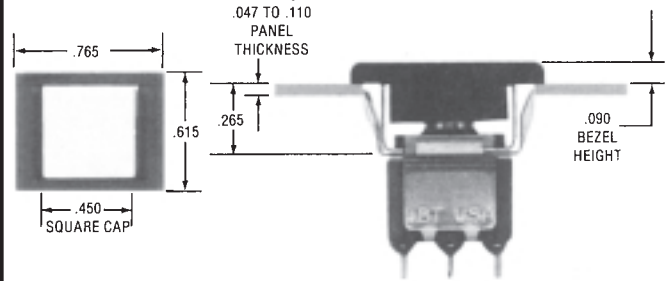
### APPROXIMATE DIMENSIONS (For Optional Bezel Types Shown on Page 12)

#### OPTIONAL BEZEL TYPE 1, 2, 3 (SEE TABLE) PS14 Shown w/Raised Cap



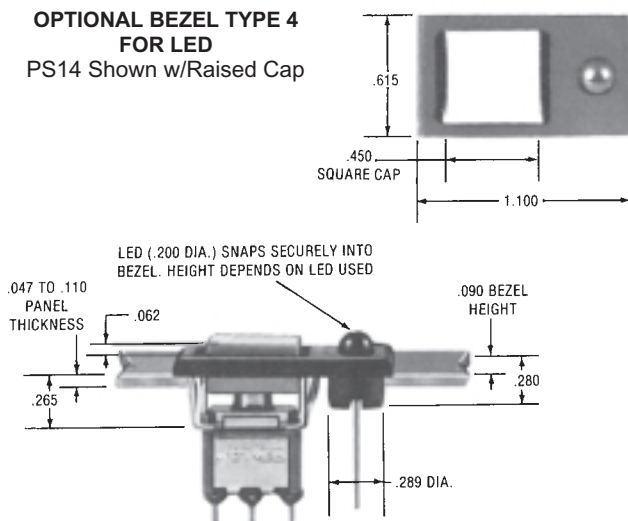
| Catalog No. | Color |
|-------------|-------|
| W-BZ-12     | Black |
| W-BZ-12A    | White |
| W-BZ-12B    | Red   |

#### OPTIONAL BEZEL TYPE 1, 2, 3 (SEE TABLE) PS15 Shown w/Flush Cap

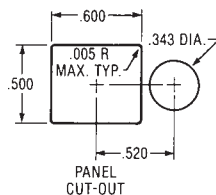


| Catalog No. | Color |
|-------------|-------|
| W-BZ-12     | Black |
| W-BZ-12A    | White |
| W-BZ-12B    | Red   |

#### OPTIONAL BEZEL TYPE 4 FOR LED PS14 Shown w/Raised Cap

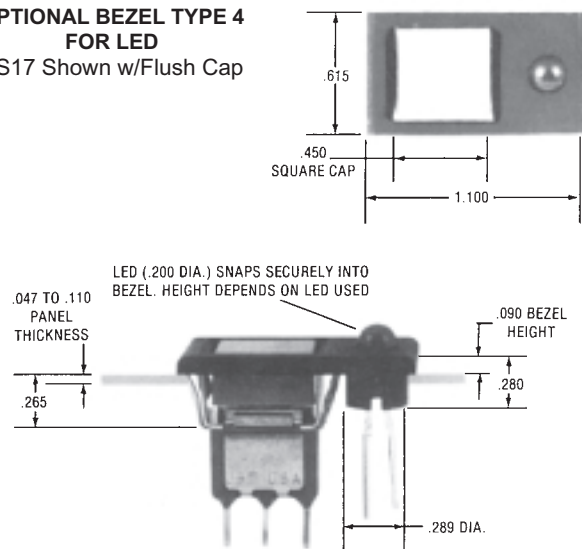


SWITCHES SUPPLIED WITHOUT LED LAMPS.

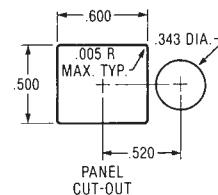


| Catalog No. | Color |
|-------------|-------|
| W-BZ-15     | Black |

#### OPTIONAL BEZEL TYPE 4 FOR LED PS17 Shown w/Flush Cap

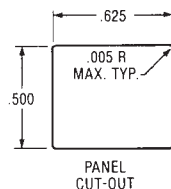
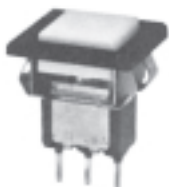


SWITCHES SUPPLIED WITHOUT LED LAMPS.



| Catalog No. | Color |
|-------------|-------|
| W-BZ-15     | Black |

### OPTIONAL MOUNTING CLIP (For Use With PS14 Thru PS17 Series Only)



- For thick plastic panel mount applications (.094" - .125" thick)
- For availability consult Electroswitch.