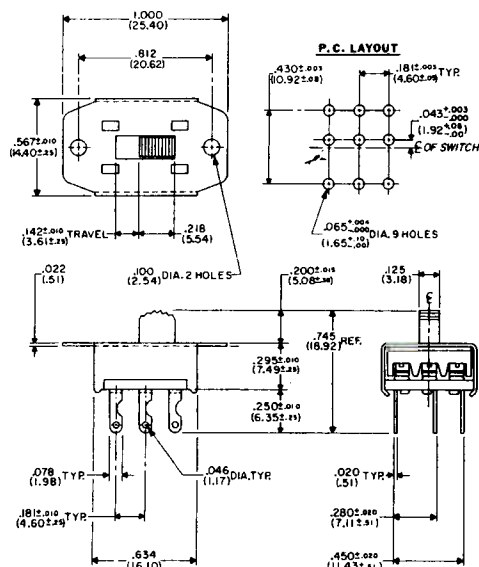


# TOP-ACTUATED PANEL MOUNT MINIATURE SWITCHES

**GF-161 Three Pole/Double Throw (with detent)**



| TYPE       | ELECTRICAL RATING          | LISTING*      |
|------------|----------------------------|---------------|
| GF-161     | 0.5 A at 125 Vac/Vdc       | U.L. & C.S.A. |
| GF-161-3   | 3.0 A ac, 0.5 A at 125 Vdc | U.L. & C.S.A. |
| GF-161-8.5 | 8.5 A ac, 0.5 A at 125 Vdc | U.L. & C.S.A. |

\*Specify C.S.A. listing, if required.

## TOPPERS

Control panel styling and appearance can be changed by adding an auxiliary "Topper". See page 4.

## BUTTONS

.200" (5.08 mm) button height shown is standard. Other heights available are .100" (2.54 mm), .328" (8.33 mm) and .453" (11.51 mm).

## MOUNTING

**PANEL**—Two .100" diameter holes on .812" centers. 4-40 extruded and tapped holes are available or plug directly into board having hole pattern shown.

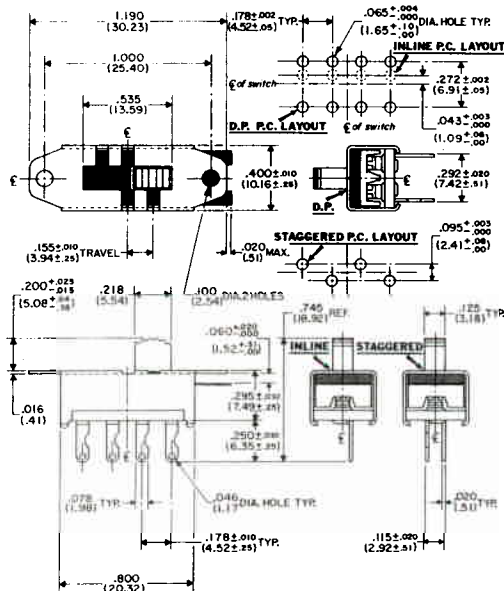
## TERMINALS

Standard is solder terminal G-20-28 as shown. For PC applications, we suggest G-20-18, but you may specify the terminal of your choice from those shown on page 15.

## SOLDER SHIELD

Vulcanized fiber shield .020" thick may be shipped assembled or separate as requested.

**G-127L Single Pole/Three Position (with detent)**  
**G-128L Two Pole/Three Position (with detent)**



Drawing shows button in extreme right position where LONG detent plate covers topside opening to the left of the button and extends beyond (in blue) housing on right. Specify G-127L or G-128L with suffix indicating current requirement. If topside opening need not be covered, specify G-127S or G-128S with appropriate suffix.

| TYPE          | ELECTRICAL RATING          | LISTING*      |
|---------------|----------------------------|---------------|
| *G-127L/S     | .05 A at 125 Vac/Vdc       | U.L. & C.S.A. |
| *G-128L/S     | .05 A at 125 Vac/Vdc       | U.L. & C.S.A. |
| *G-127L/S-3   | 3.0 A ac, 0.5 A at 125 Vdc | U.L. & C.S.A. |
| *G-128L/S-3   | 3.0 A ac, 0.5 A at 125 Vdc | U.L. & C.S.A. |
| *G-127L/S-6   | 6.0 A ac, 0.5 A at 125 Vdc | U.L. & C.S.A. |
| *G-128L/S-6   | 6.0 A ac, 0.5 A at 125 Vdc | U.L. & C.S.A. |
| *G-127L/S-8.5 | 8.5 A ac, 0.5 A at 125 Vdc | U.L. & C.S.A. |
| *G-128L/S-8.5 | 8.5 A ac, 0.5 A at 125 Vdc | U.L. & C.S.A. |

\*Order either G-127L or G-127S or either G-128L or G-128S depending on your need for long or short detent plate as described.

\*Specify C.S.A. listing, if required.

## TOPPERS

Control panel styling and appearance can be changed by adding an auxiliary "Topper." See page 4.

## BUTTONS

.200" (5.08 mm) button height shown is standard. Other heights available are .125" (3.18 mm), .328" (8.33 mm), and .453" (11.51 mm).

## MOUNTING

**PANEL**—Two .100" diameter holes on 1.000" centers. 4-40 extruded and tapped holes are available.

**PRINTED CIRCUIT BOARD**—Plug directly into printed circuit board having hole pattern mating with your switch terminals. Standard G-127L/S single pole terminal orientation is IN LINE. For greater switch stability on your PC board before soldering, specify STAGGERED terminals.

## TERMINALS

Standard is solder terminal G-20-28 as shown. For PC applications, we suggest G-20-18, but you may specify the terminal of your choice from those shown on page 15.

## SOLDER SHIELD

Vulcanized fiber shield .020" thick may be shipped assembled or separate as requested.