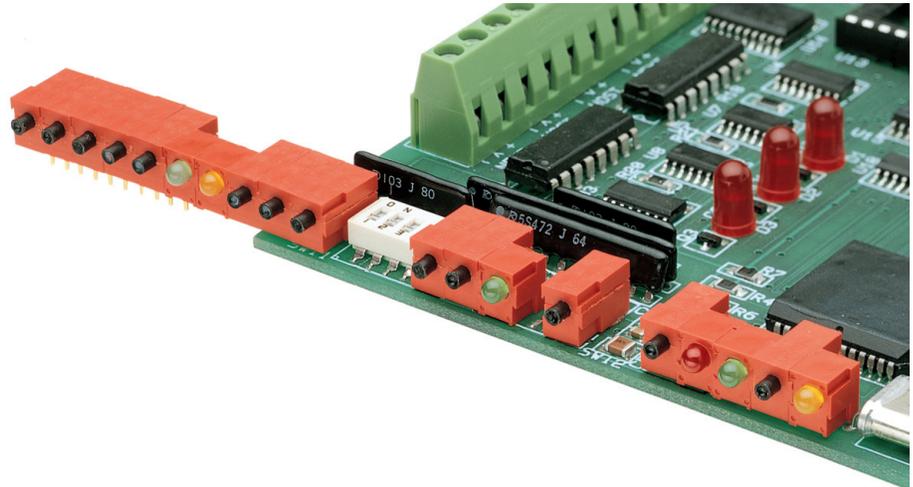
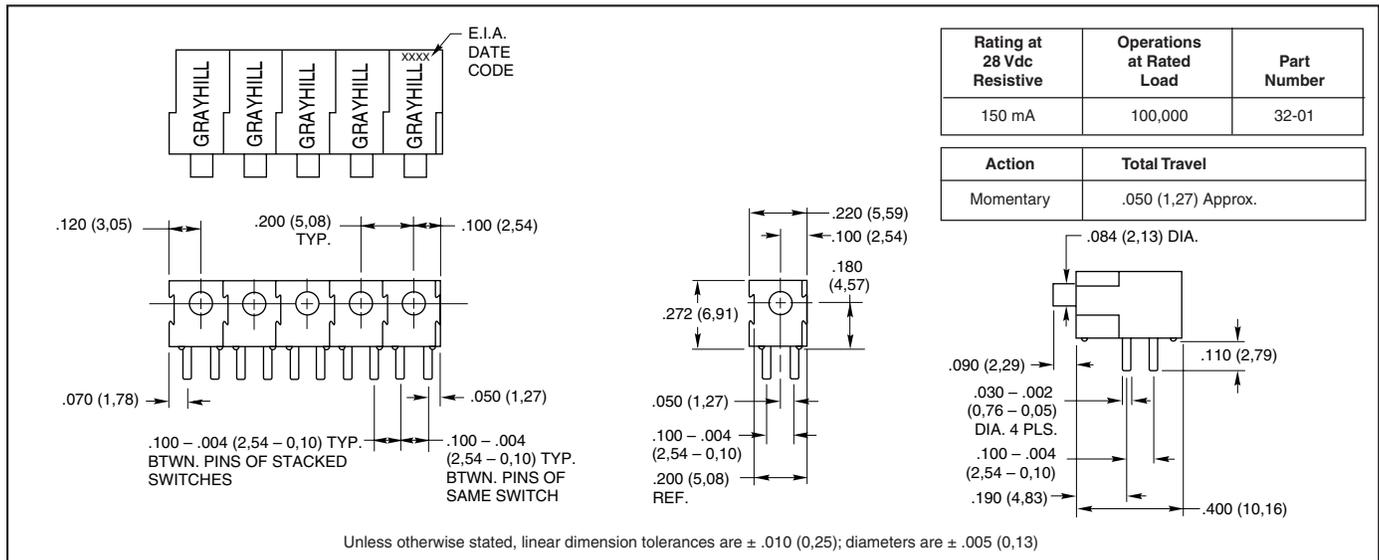


**SERIES 32**  
**SPST and SPDT,**  
**Stackable with LED**

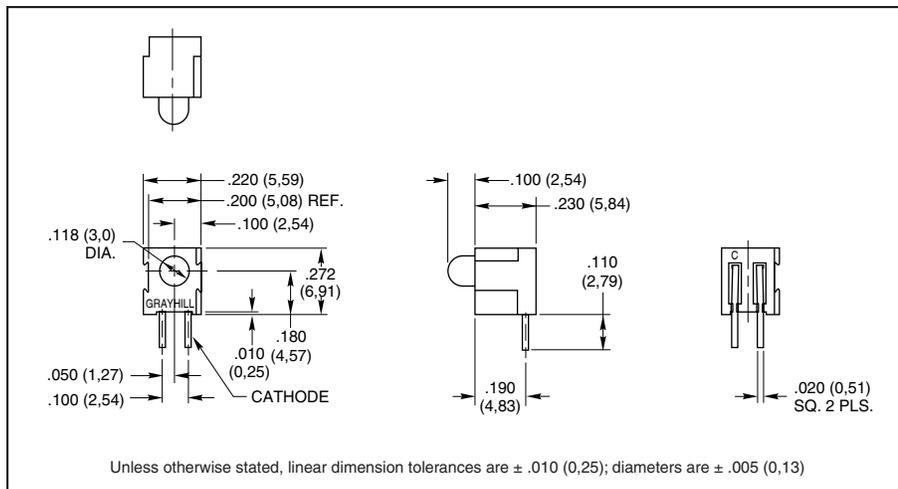
- Stackable, Provides Custom Switch Arrangements
- .200" Centers When Stacked
- SPST–N.O., SPST–N.C. Circuitry in the Same Package
- Process Compatible, Internally Sealed Plunger
- Status/Reset or Press-to-Test Functions with Companion LED



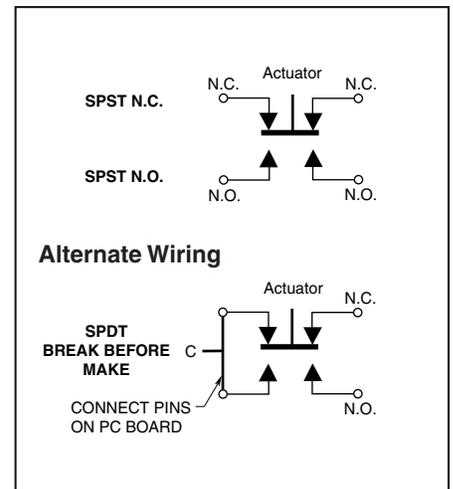
**SWITCH DIMENSIONS** in inches (and millimeters)



**LED DIMENSIONS** in inches (and millimeters)



**SWITCH CIRCUITRY**



Pushbutton Switches

### SPECIFICATIONS

#### Rating Criteria

**Contact Resistance:** 25 milliohms maximum on a new switch

**Voltage Breakdown:** 1,000 Vac between mutually insulated parts

**Insulation Resistance:** 1,000 megohms minimum

**Switch and LED Operating Temperature:** -40°C to +85°C

#### Materials and Finishes

**Switch Base, LED Base, Button and Cover:** Polyester

**Shorting Bar:** Phosphor bronze, gold-plated over nickel

**Switch Terminals:** Brass, gold-plated over nickel

**LED Terminals:** Steel, tin-plated

**Spring:** Tinned Music Wire

#### LED Information

Color	MCD*		Viewing Angle
	Min.	Max.	
Red	0.8	5.0	60°
Green	0.8	3.2	60°
Yellow	0.8	3.2	60°

\*MCD = Millicandellas at 2 mA

**Recommended Current:** 2mA

Current limiting resistor is **not** supplied.

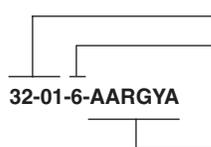
### ORDERING INFORMATION: Individual Units

Part Number	Description
<b>32-01</b>	Switch, 10 microinches gold plating, black button, red body
<b>32-02</b>	Switch, 30 microinches gold plating, black button, red body
<b>32LED-RED</b>	Red LED and holder, red body
<b>32LED-GRN</b>	Green LED and holder, red body
<b>32LED-YEL</b>	Yellow LED and holder, red body

Grayhill or your local Distributor will assemble stacks of switches, LEDs or combinations.

### Assemblies of Switches or Switches and LED Combinations

Example Part Number



**Basic switch part number** (see Ordering Information)

**Number of ganged elements** (2 thru 6)

**32-01-6-AARGYA**

**Arrangement definition** (left to right, front view)

A = Switch

R = Red LED

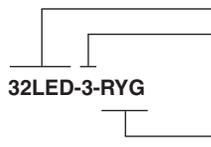
G = Green LED

Y = Yellow LED

Example part number describes a stack of 6 elements consisting of two switches, a red LED, a green LED, a switch and a yellow LED. Shorter stacks will have fewer letters in the arrangement definition. Contact Grayhill for stacks of more than six elements.

### Assemblies of LEDs Only

Example Part Number



**Basic identification for LEDs**

**Number of ganged elements** (2 thru 6)

**32LED-3-RYG**

**Arrangement definition** (left to right, front view)

R = Red LED

G = Green LED

Y = Yellow LED

Example part number describes a stack of 3 LEDs, arranged red, yellow and green from left to right. Maximum number of stacked LEDs in this part numbering scheme is six. Contact Grayhill for stacks of more than six elements.

Pushbutton Switches