

## SERIES 37F

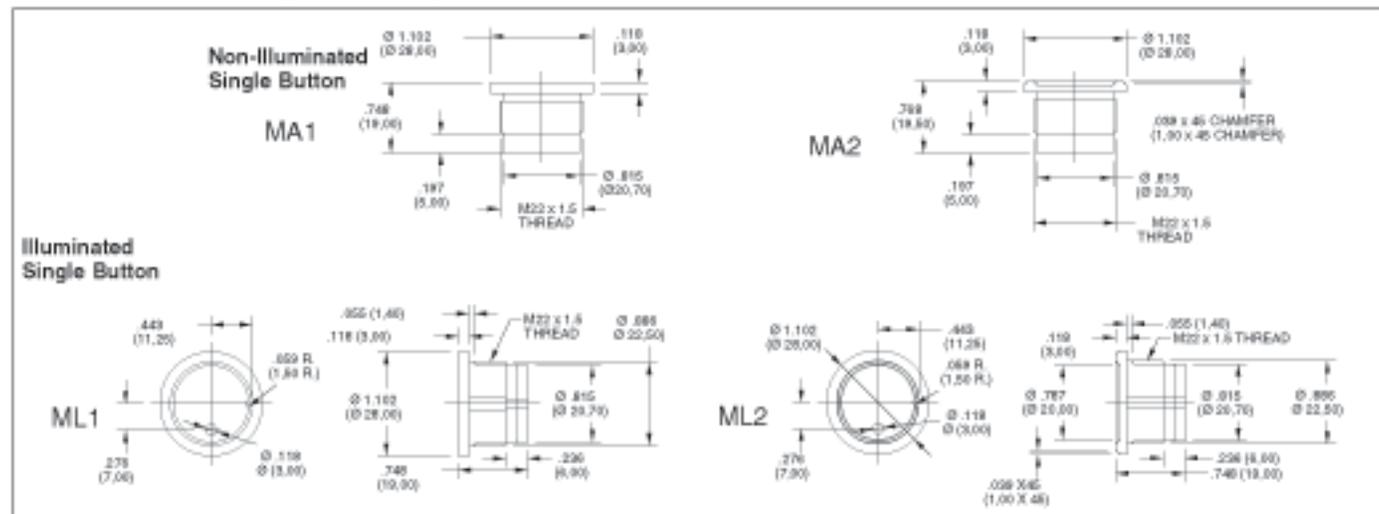
### PIEZO Pushbutton Switches

#### FEATURES

- Fully Sealed
- Virtually Indestructible
- Vandal Resistant
- Indoor and Outdoor Use



#### DIMENSIONS In inches (and millimeters)



#### ORDERING INFORMATION, 37FMA AND 37FML



#### Grayhill Series

#### Housing Type

MA1, MA2

ML1\*, ML2\*

#### Circuitry

A - N.O., B - N.C.

#### Electrical Specifications

AW - V Max: 24V, I Max: 0.2 A AC/DC, Term: Red wire

BW - V Max: 24V, I Max: 0.2 A AC/DC, 150 Transient,

Term: Purple wire

CW - V Max: 24V, I Max: 1.0 A AC/DC, 150 Transient

Term: Orange/White wire

EW - V Max: 24V, I Max: 0.2 A AC/DC, Term: Green wire,

N.C. Circuitry Option Only

AP - V Max: 24V, I Max: 0.2 A AC/DC, Term: PIN

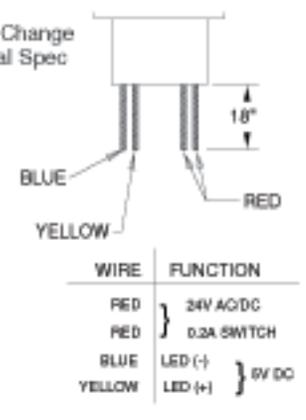
CP\*\* - V Max: 24V, I Max: 1.0 A AC/DC, Term: PIN

Housing Color: N - Natural

Housing Material: 1 - Aluminum

LED: 1 - Red, 2 - Green, 3 - Yellow, 4 - Red/Green

Wire Colors Change  
with Electrical Spec  
Option

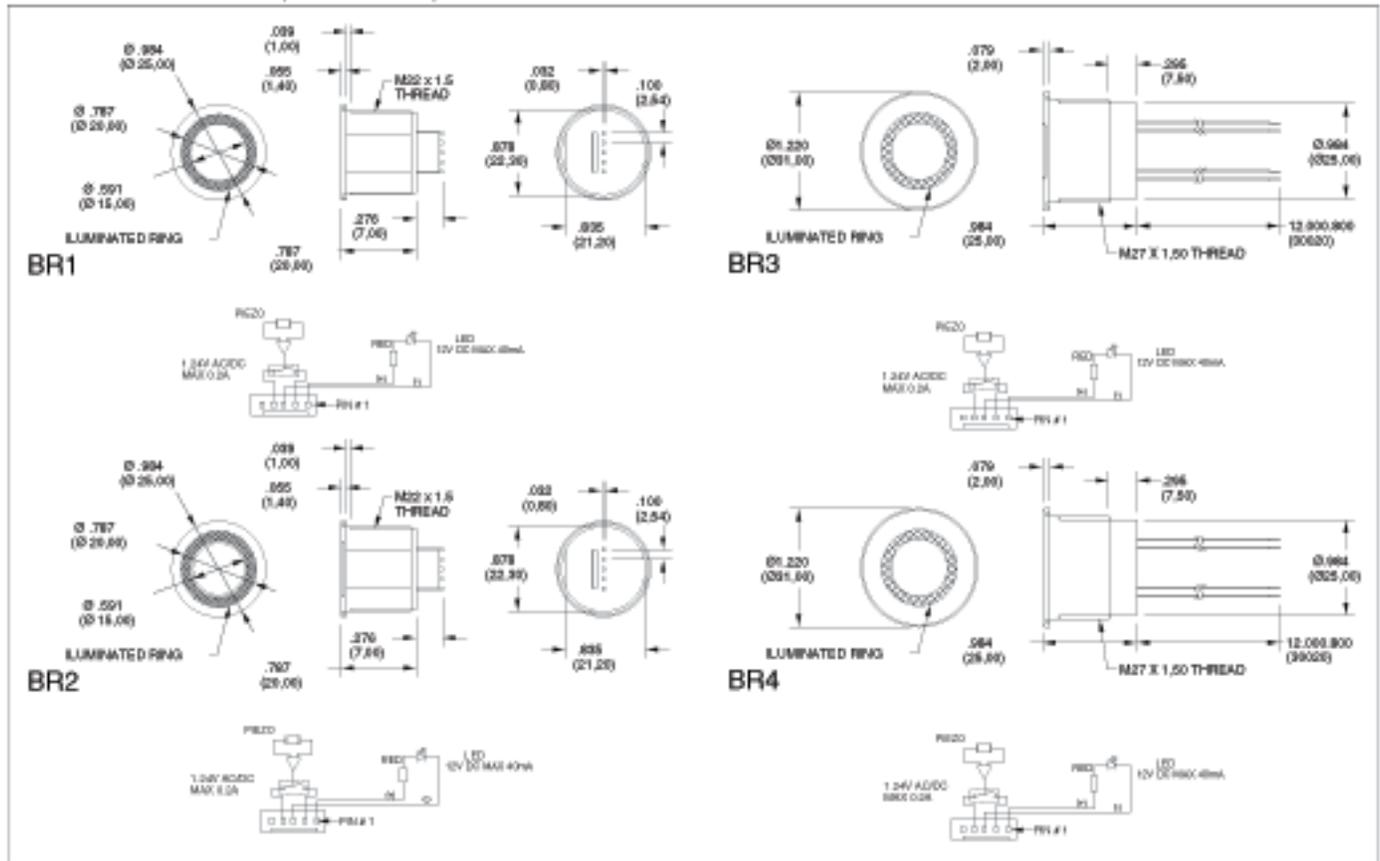
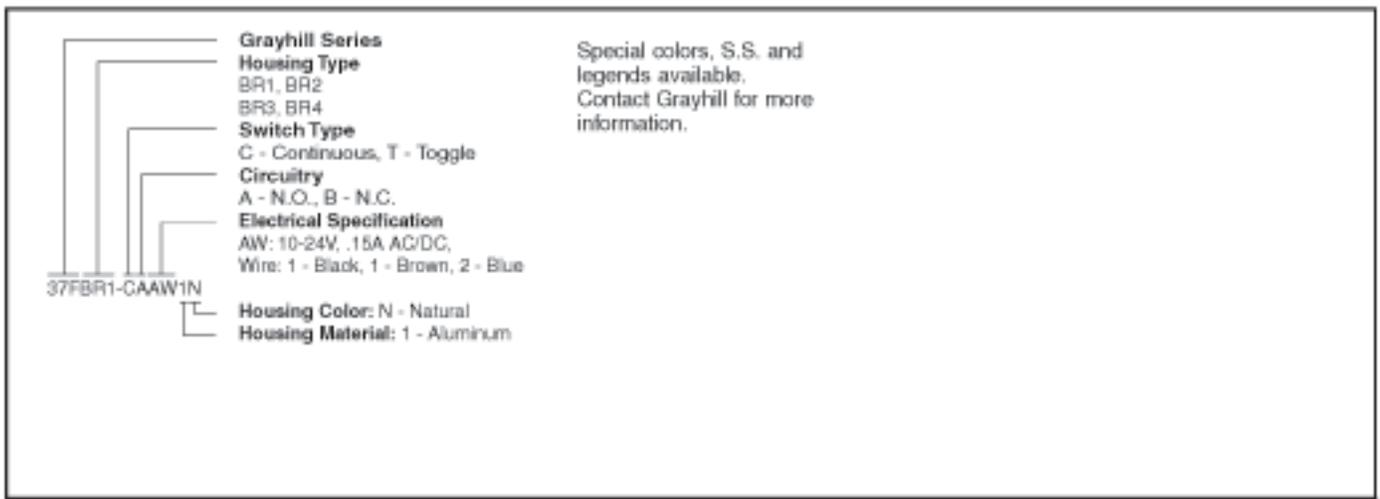


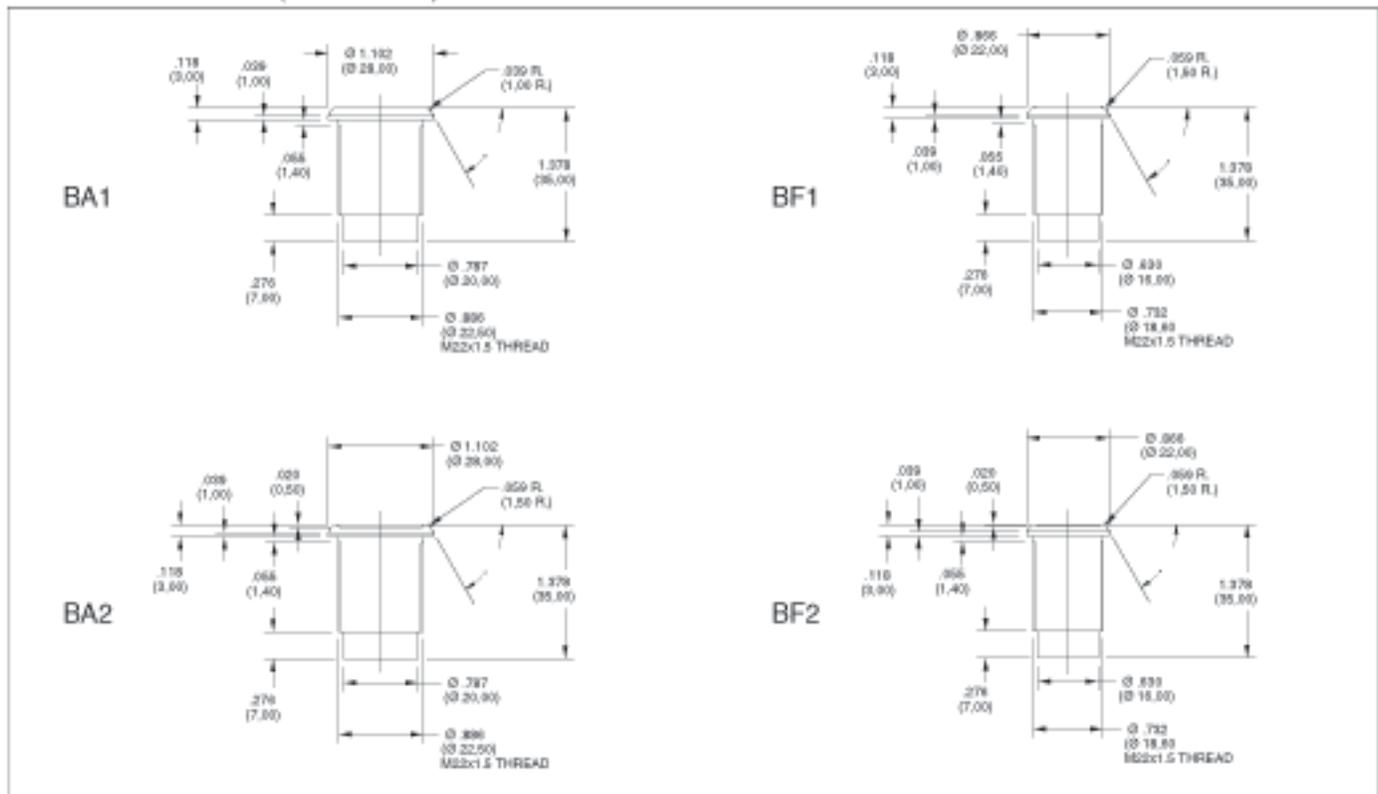
\*LED Option

\*\*This Option Not Available  
with LED Housing ML1  
or ML2

\*\*\*Only Available with  
Housing Types ML1  
and ML2.

Special colors, S.S. and  
legends available. Contact  
Grayhill for more information.

**DIMENSIONS** In inches (and millimeters)

**ORDERING INFORMATION, 37FBR**


**DIMENSIONS** In inches (and millimeters)

**SPECIFICATIONS**
**Rated Voltage:** 0-24V AC/DC

**Rate Current:** 0-24 amps.

**Resistance "ON":** <10 Ohms

**Resistance "OFF":** >5 megohms

**Switch Capacitance:** 25pF

**Activation Force:** 3-5N Typ.

**Switch Action:**
**Momentary:** 120 Msec. Pulse type

**Continuous:** Circuit is closed as long as switch is pressed, 30 sec. max.

**Toggle:** Switch changes position at each activation.

**Lifecycle:** >50 million

**Operating Temp:** -40°C- 85°C standard. (-40°C- 125°C upon request)

**Storage Temp:** -40°C- 125°C

**EMI or RFI Effect:** None

**Protection System:** IP68 according to IEC529

**LED:** 5Vdc, 1 max, 10 mA

**Housing Material:** Aluminum

**ORDERING INFORMATION, 37FBA & 37FBF**
