

SERIES 37F

PIEZO Pushbutton Switches

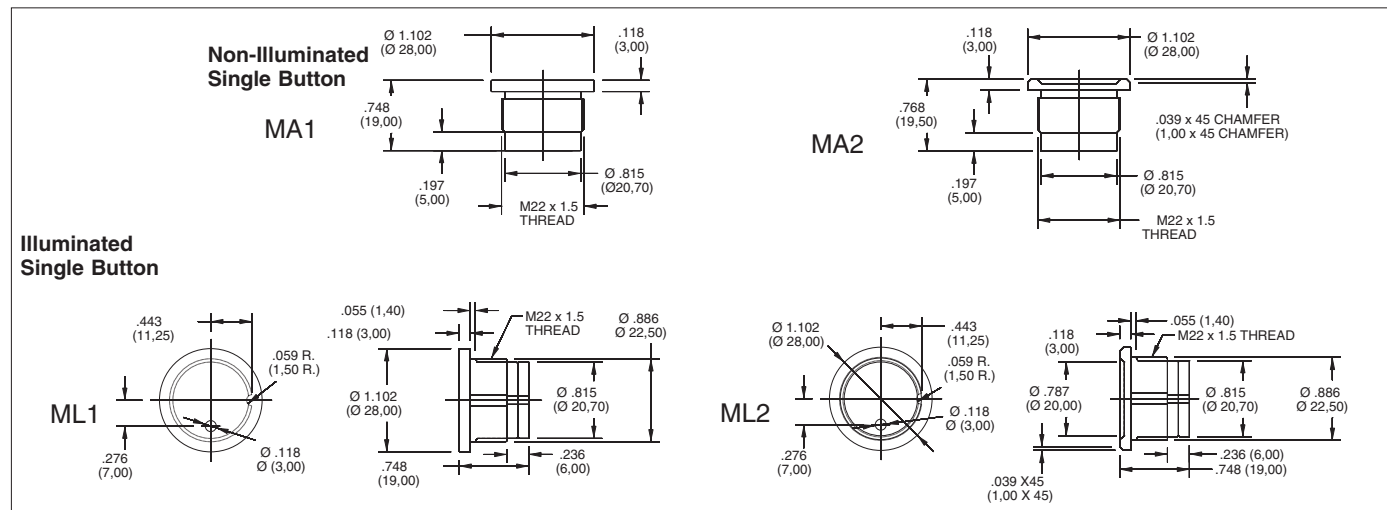


FEATURES

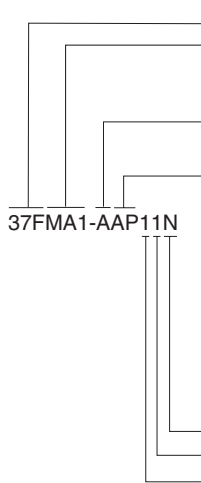
- Fully Sealed
- Virtually Indestructible
- Vandal Resistant
- Indoor and Outdoor Use



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

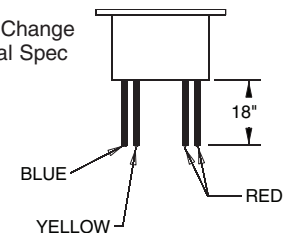
CP** - V Max: 24V, I Max: 1.0 A AC/DC, Term: PIN

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



WIRE	FUNCTION
RED	24V AC/DC 0.2A SWITCH
RED	
BLUE	5V DC LED (-)
YELLOW	
YELLOW	LED (+)

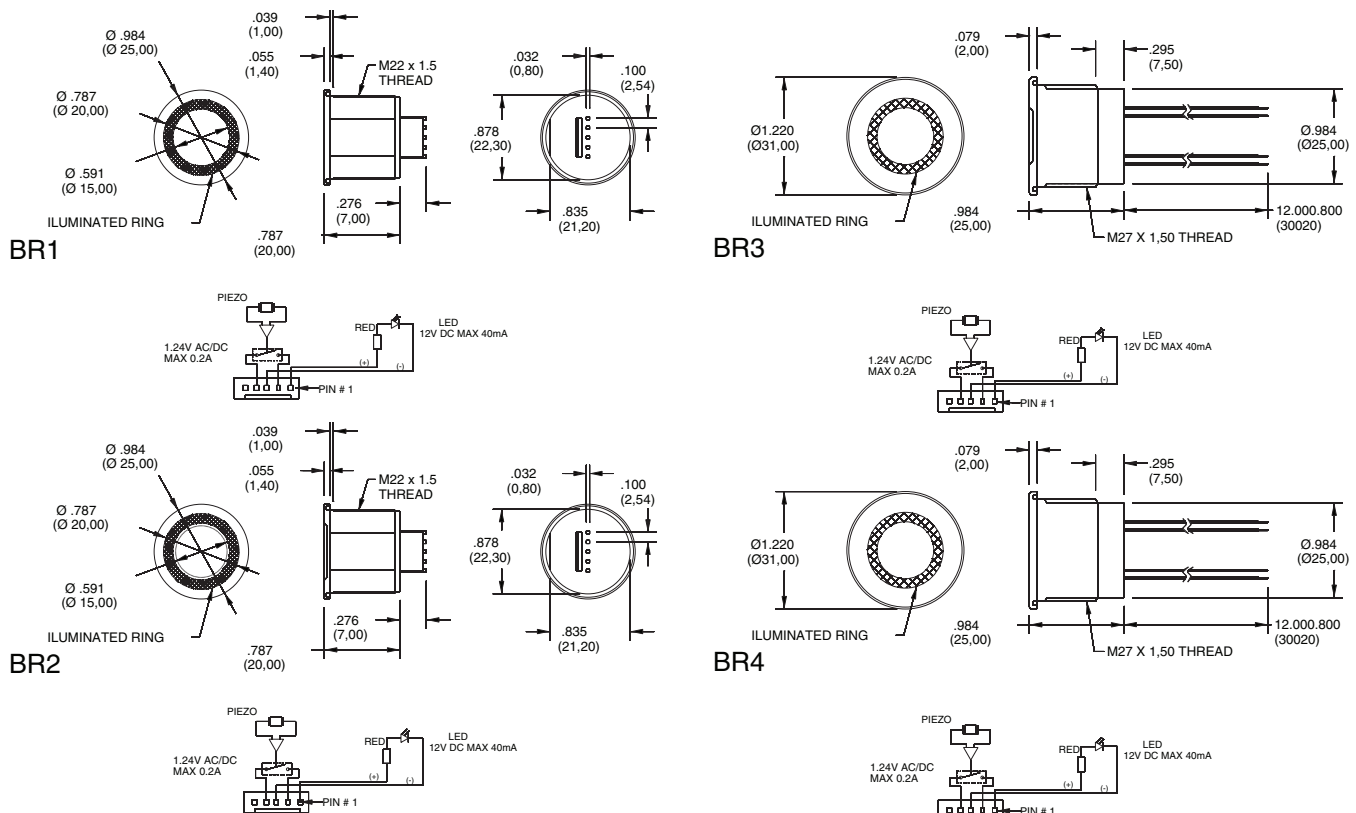
*LED Option

**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

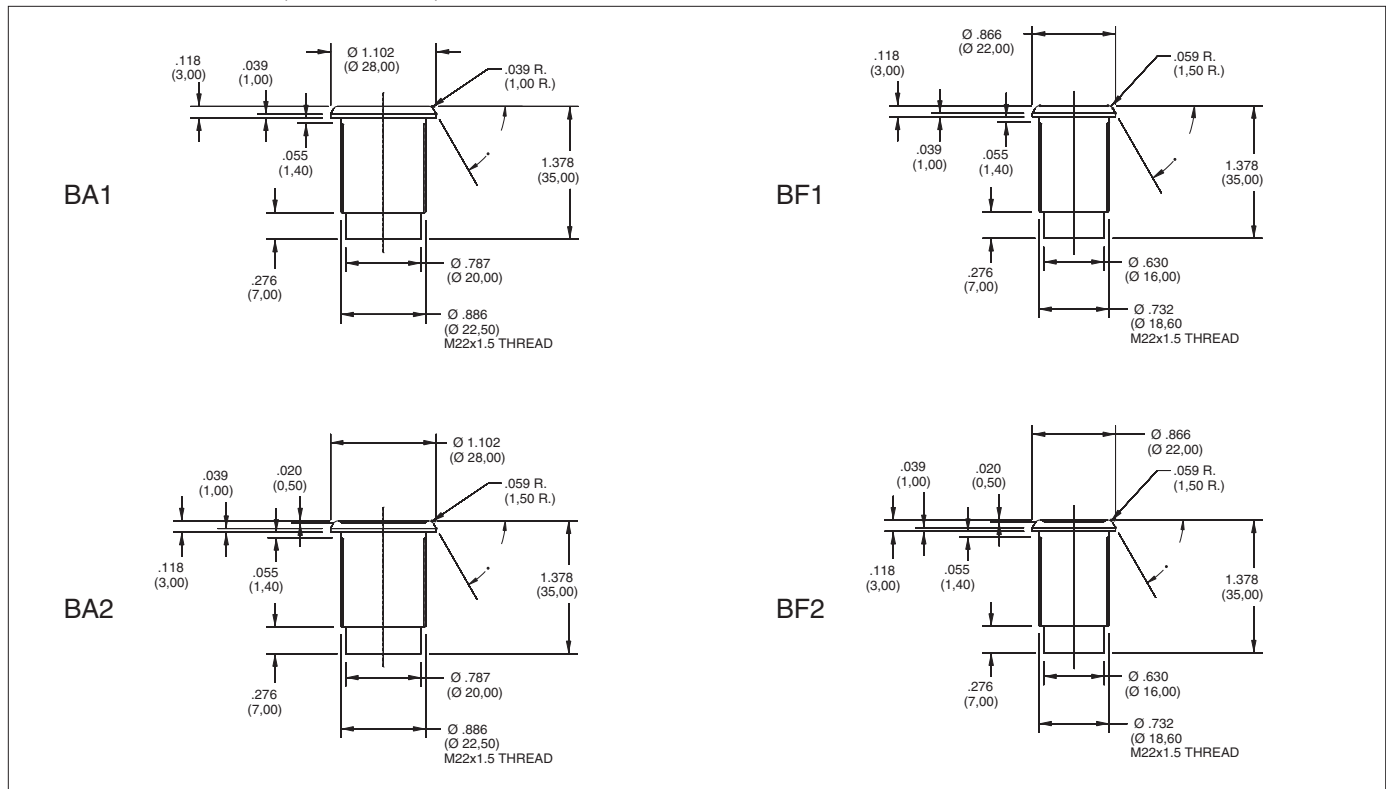
Grayhill Series
Housing Type
 BR1, BR2
 BR3, BR4
Switch Type
 C - Continuous, T - Toggle
Circuitry
 A - N.O., B - N.C.
Electrical Specification
 AW: 10-24V, .15A AC/DC,
 Wire: 1 - Black, 1 - Brown, 2 - Blue
Housing Color: N - Natural
Housing Material: 1 - Aluminum

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

Available from your local Grayhill Component Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

Special configurations and legends available. Contact Grayhill for more information.

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

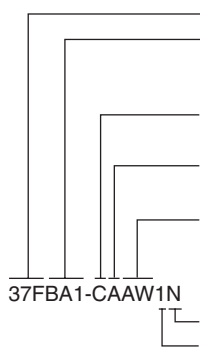
EMI or RFI Effect: None

Protection System: IP68 according to IEC529

LED: 5Vdc, 1 max, 10 mA

Housing Material: Aluminum

ORDERING INFORMATION, 37FBA & 37FBF



Grayhill Series

Housing Type

BA1, BA2

BF1, BF2

Switch Type

C - Continuous, T - Toggle

Circuitry

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

Electrical Specification

AW: 10-24V, .15A AC/DC,

Wire: 1 - Black, 1 - Brown, 2 - Blue

Housing Color: N - Natural

Housing Material: 1 - Aluminum

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

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Grayhill:

[37FML2-AAW31B](#) [37FMA2-ACW1N](#) [37FBA1-TAAW1N](#) [37FBR1-AAP4121N](#) [37FMA2-AAP1L](#) [37FBR4-AAW4241N](#)
[37FBR4-AAW1241N](#) [37FBR2-AAW2121G](#) [37FML1-AAW11B](#) [37FBR1-AAW4121N](#) [37FMA1-AEW1N](#) [37FML1-](#)
[AAW21N](#) [37FBR2-AAW2121B](#) [37FMA2-ACW1G](#) [37FBR1-AAP1121N](#) [37FML2-AAP11L](#) [37FML2-AAW21N](#) [37FMA2-](#)
[ABW1G](#) [37FBA1-CBAW1N](#) [37FMA1-AAP1N](#) [37FML1-AAP11L](#) [37FMA1-BEW1R](#) [37FML2-AAW21G](#) [37FBR2-](#)
[AAW1121N](#) [37FBR4-AAW3241N](#) [37FMA2-ABW2N](#) [37FBA1-CAAW1N](#) [37FMA2-ABW1R](#) [37FBR1-AAW2241N](#)
[37FMA1-AAP1L](#) [37FMA1-AAW1G](#) [37FBR4-AAW2241N](#) [37FMA2-AEW1G](#) [37FML2-AAW11N](#) [37FMA2-AAW1G](#)
[37FMA1-AAW1N](#) [37FBR4-AAW1121N](#) [37FBF1-CAAW1N](#) [37FBR3-AAW2121N](#) [37FMA1-AAW1B](#) [37FML2-AEW21G](#)
[37FMA1-BEW1N](#) [37FBR1-AAW1121N](#) [37FML1-AAW11N](#) [37FMA2-AAP1N](#) [37FBR2-AAP4241N](#)