

83.40

82.13

42.550

74

1.1 MAX

.585

LED

REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED FOR CONSTRUCTION ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

REJECT

REVISE AND RESUBMIT

FURNISH CORRECTED

Vanasse Hangen Brustlin, Inc.

Transportation Land Development

Environmental Services

101 Walnut Street, P.O. Box 9151

Watertown, MA 02471 617.221.1770

Job Number: 10111.32

Reviewed By: MEB

Date: 9-30-10

DWG. NO.
BOLM2-X

SPECIFICATIONS

This button is a highly vandal resistant button with essentially no moving parts. It is pressure activated, but can withstand on impact from a baseball bat or hammer. When the switch activates, you hear a two tone beep and the LED flashes.

Body Material: Aluminum, Powder Coated

Colors: Black, Silver, Green, Yellow & Anodized

To specify color, add B for black, S for silver, G for green, Y for yellow or A for anodized in "X" position in part number.

Button Material: 316 Stainless Steel

Piezo Driven Solid State Switch:

Operating Temperature: -30°F to 165°F (-34°C to 70°C)

Operating Voltage: 15-30V DC or 12-28V AC

On Resistance: 10 Ω typical.

Operating Life: Greater than 100 million operations.

Operating Standby Current: 10µA typical (equivalent to 2 mΩ at 20V)

LED:

Operating Mode: Approx. 0.025 sec flash each time button is pressed.

Luminous Intensity: Greater than 1200 mcd (ultra bright red)

Viewing Angle: 180°

Beeper:

Sounds simultaneously with LED flash.

Different tones for press and release, 2.3 kHz & 2.8 kHz.

Beeper uses power from existing switch wires.

POLOPA ENGINEERING INC

4115 V. ARTESIA AVE. FULLERTON, CA 92833

TELEPHONE: 714.951.5555 FAX: 714.951.5556

TOLERANCES: XX ±.005 XX ±.02 (EXCEPT AS NOTED)

SCALE 1:2

DRAWN BY BB

CHKD. BY

ENG. BY

DATE 07-23-03

Q.A. APP.

FINL APP.

USE

SHEET 1 OF 1

TITLE

VANDAL RESISTANT PUSH BUTTON

DWG. NO.

BOLM2-X

REV. DATE

LTR

E.C.O. NO.

BY

CHKD

ENG

INFC

QA

FINL

Suggested Test Circuit