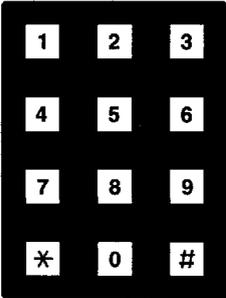


ENVIRONMENTALLY SEALED KEYBOARDS

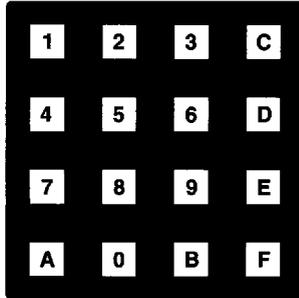
STANDARD LEGENDS

Available through Grayhill Distributors

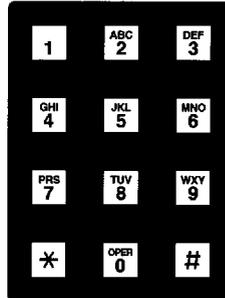
To order one of the configurations below, use the dash number shown here; select the keypad size and code, and order the part number with the appropriate legend dash number. The buttons in these keypads can be removed, and reinserted in any configuration.



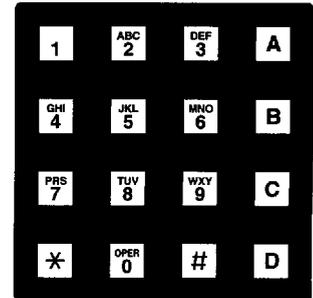
-112



-014

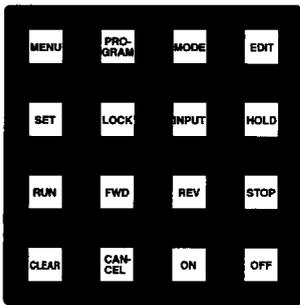


-113



-016

CUSTOM LEGENDS

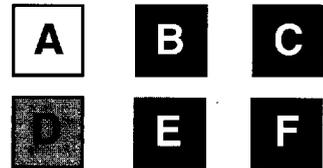


Library of Legends

Grayhill maintains a legend library which contains the most often requested special legends and many unusual ones. If the legend is in the library, the cost to utilize this legend in your keypad configuration is minimal. If the legend is not available, Grayhill can list the charges required to add your legend to the library. In this manner, new legends are added on a periodic basis. Custom legends to fit your unique requirements may not be as expensive as you think, contact Grayhill.

Adding Color

Use colored buttons to segregate button groupings or to provide originality. Available in black legends on white or yellow buttons, or in white legends on black, green, red or blue buttons. Two popular combinations, black on white and white on black, are available from Grayhill stock. Delivery time will increase for other color combinations.

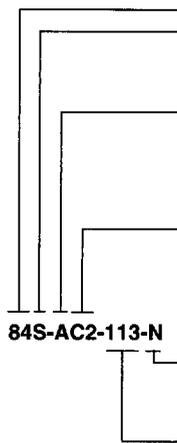


HEADER CONNECTORS

Compatible with:

Samtec, Inc. Header Series BCS, BSW, CES, ESW, ESQ, SLW, SSW, SSQ, IDSS and IDSD or equivalent.

ORDERING INFORMATION



84S-AC2-113-N

Grayhill Series Number

Shielded or Non-Shielded Option

S = Shielded
SN = Non-Shielded

Size Option

A = 3x4
B = 4x4
C = 1 Button

Circuitry Option (B2 and C2 not applicable to 1 button)

B2 = Matrix in-line pins
C2 = Single pole/common bus, in-line pins
C3 = 1 Button, SPST-N.O., non-shielded only

Mounting Nut Option

N = Provided with assembled stud nuts
Blank = Nuts not provided

Standard Legend Choices

3x4 Size: -112 or -113
4x4 Size: -014 or -016
1 Button: -001, No legend, white button

Available from your local Grayhill Distributor

For prices and discounts, contact a local Sales Authorized local Distributor, or Grayhill.



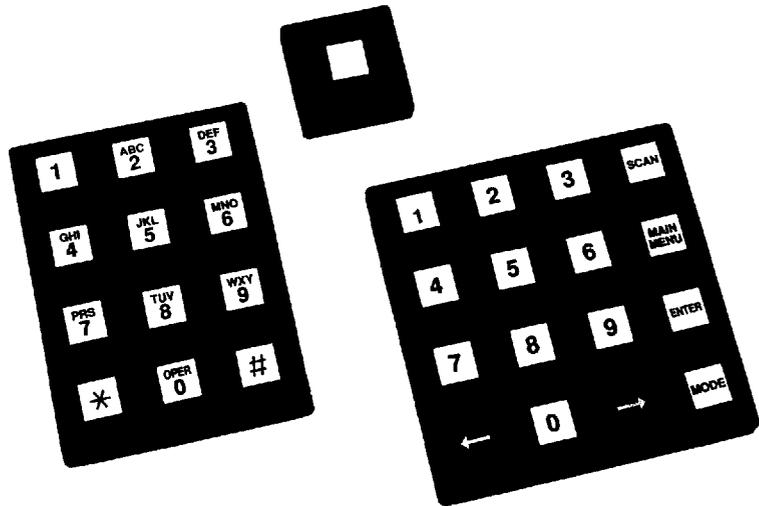
561 Hillgrove Avenue • LaGrange, Illinois 60525 • USA • Phone: (708) 354-1040 • Fax: (708) 354-2820 • <http://www.grayhill.com>

ENVIRONMENTALLY SEALED KEYBOARDS

SERIES 84S

FEATURES

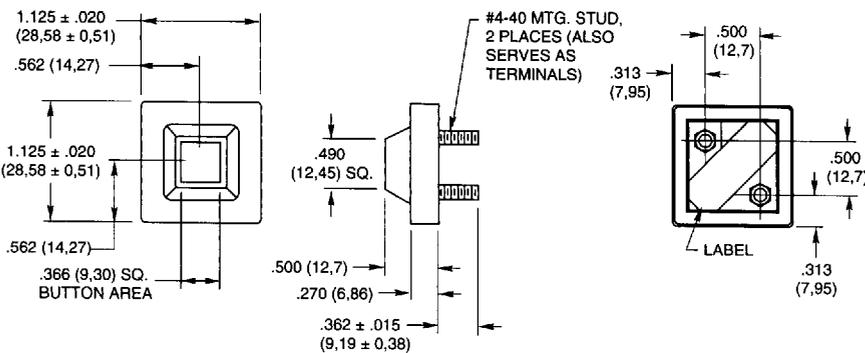
- Waterproof Silicone Rubber
- Easily Customized Legends
- Audible, Tactile Contacts
- Low Contact Resistance
- Optional RFI/EMI Shielding
- 3,000,000 Operations per Button



The 3x4 and 4x4 keyboards have matrix (row and column) and single pole/common bus circuitry. A one-piece boot completely seals the contact system and the keypad to the panel. The boot is made of military grade silicone rubber. The keyboard is rated for 3 million operations per button. Optional EMI shielding retains the integrity of equipment to external interference. Buttons are located on $\frac{3}{4}$ " centers and are interchangeable. Any legend can be printed at a nominal cost.

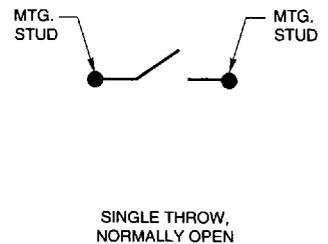
DIMENSIONS In inches (and millimeters)

1 Button Module



Unless otherwise noted, linear dimension tolerances are $\pm .010$ (0,25)

CIRCUITRY

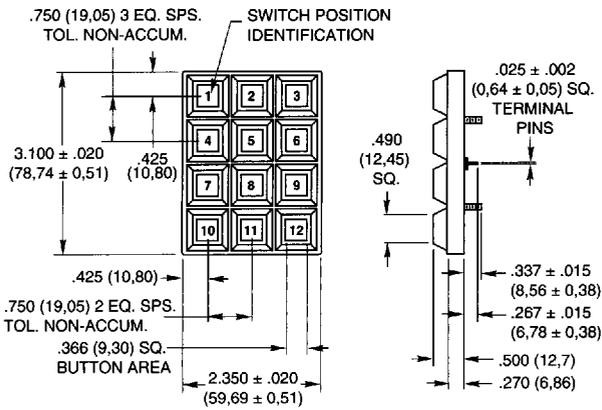


Note: Mounting studs serve as terminals.

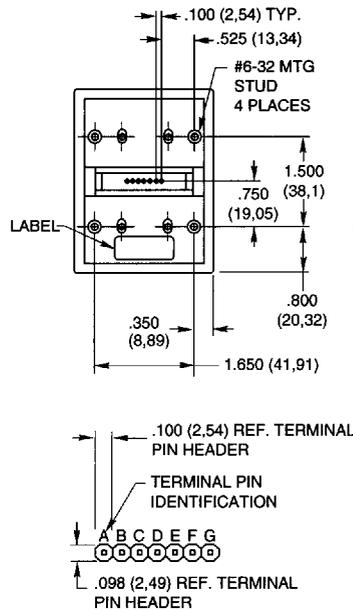
ENVIRONMENTALLY SEALED KEYBOARDS

DIMENSIONS In inches (and millimeters)

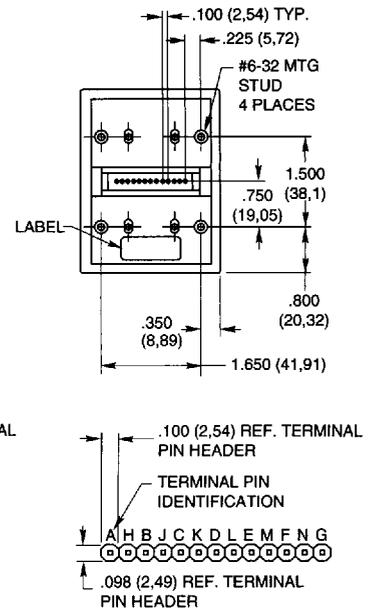
3x4 Keyboard



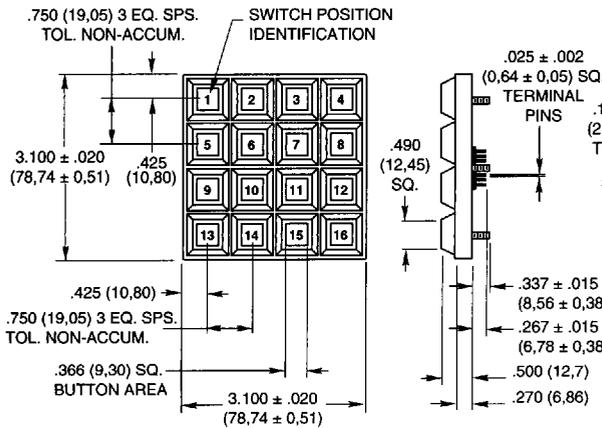
Matrix Output



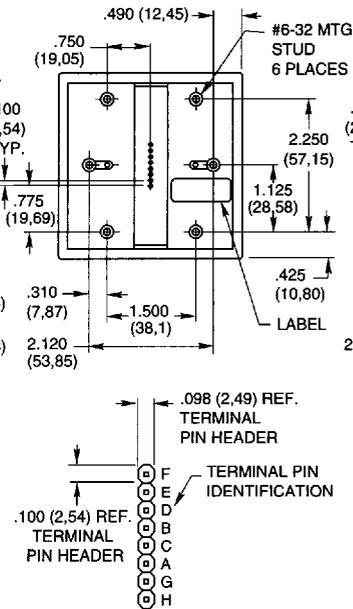
Single Pole/Common Bus



4x4 Keyboard



Matrix Output



Single Pole/Common Bus

