

SERIES 84BL

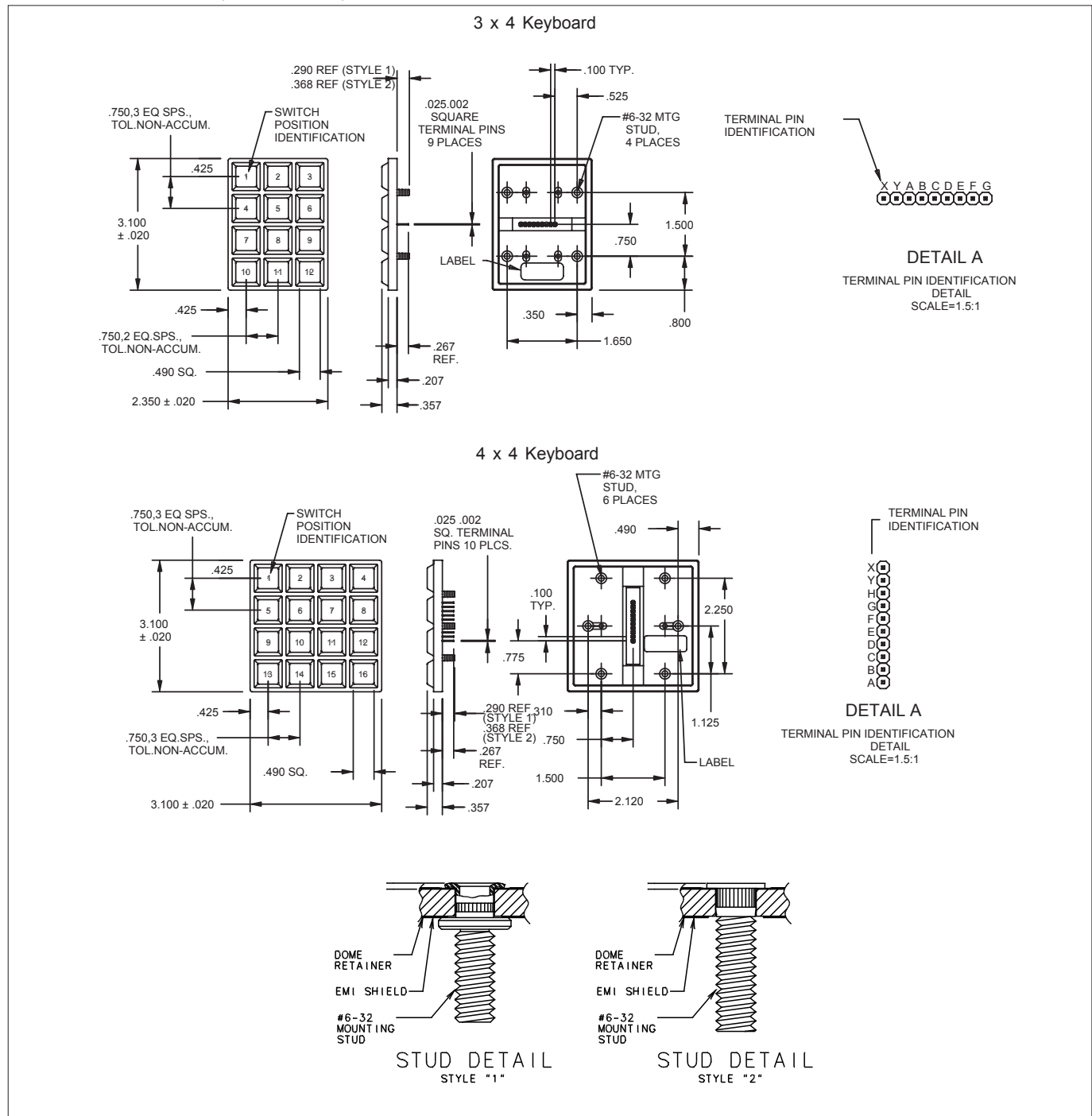
Standard Backlit

FEATURES

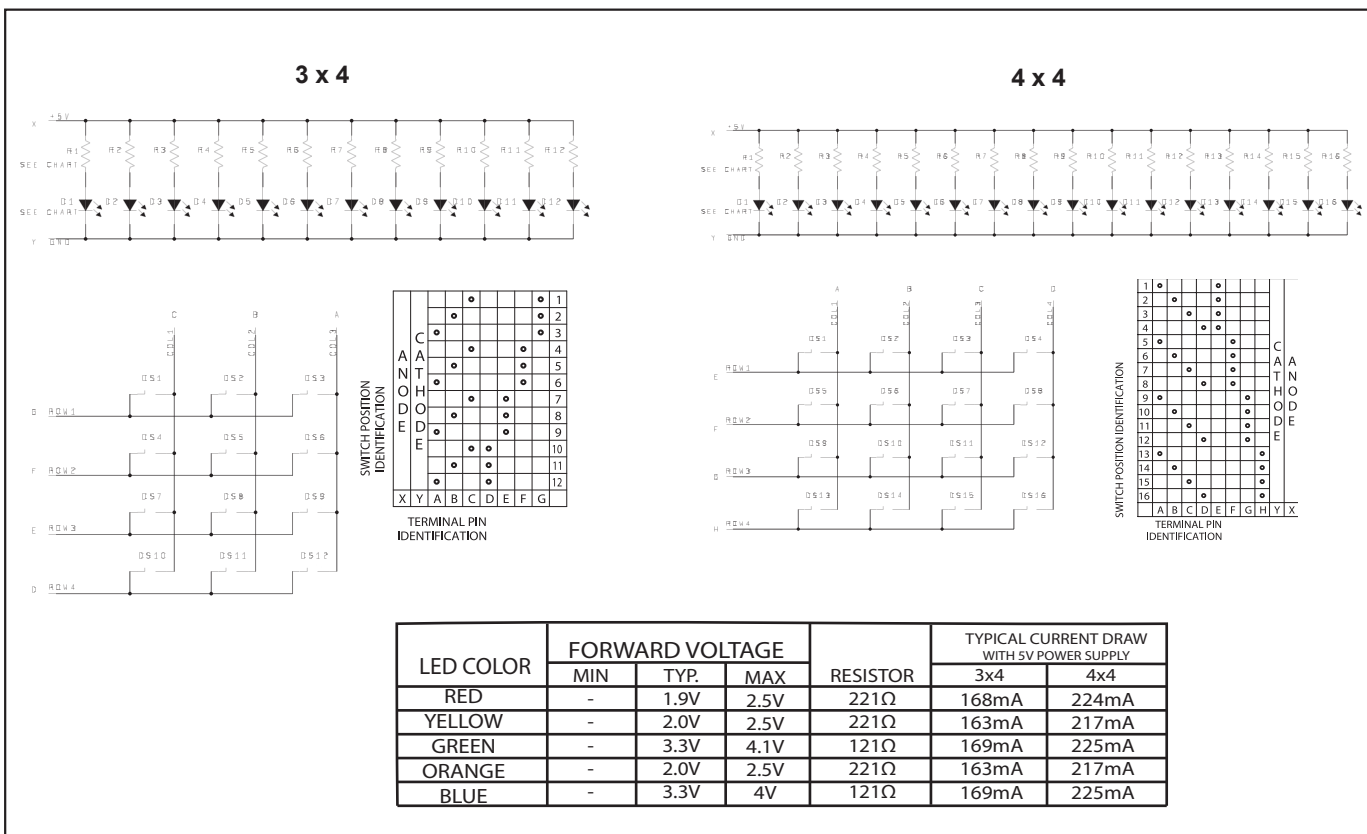
- Backlit for Low Light Applications
- Waterproof Silicone Rubber
- Audible, Tactile Contacts
- Low Contact Resistance
- Optional RFI/EMI Shielding
- 3,000,000 Operations per Button



DIMENSIONS in inches (and millimeters)

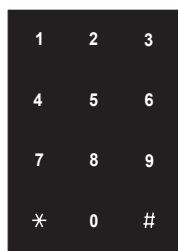


SCHEMATIC AND TRUTH TABLE

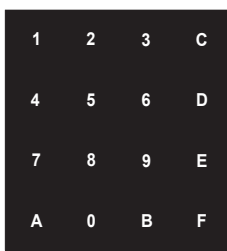


STANDARD LEGENDS

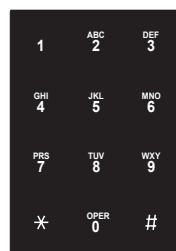
Available through Grayhill Distributors To order one of the configurations below, use the dash number shown here; select the keypad size and order the part number with the appropriate legend dash number. Contact Grayhill for Customs.



-112



-014



-113



-016

SPECIFICATIONS

Rating Criteria

Rating at 24 Vdc: 10 milliamps resistive
Contact Bounce: 4 milliseconds maximum
Contact Resistance: 10 ohms maximum

Life Expectancy: 3 million operations/button
Insulation Resistance: 1,000 megohms

Operating Features

Pre-Travel: .030 inches minimum
Operating Force: 20 ± 4 ounces
Humidity: 0 to 98% (no condensation)

Materials and Finishes

Terminal Pins: Phosphor Bronze Tin Plated
PC Board: FR-4 glass cloth epoxy
Dome Retainer/Rear Seal Sheet: Polyester
Mounting Studs: Stainless Steel (Style 1), Phosphor Bronze Tin Plated (Style 2)
Optional Hex Nut: Stainless steel, passivated
Optional EMI Shield: Aluminum foil
Keypad: Silicone rubber

ORDERING INFORMATION



84BL = Printed Legend, Sealed and Shielded
84BLN = Printed Legend, Sealed and Non-Shielded
Keyboard Size: A = 3 x 4, B = 4 x 4
B = Matrix Code
1 = Style "1" (see stud detail)
2 = Style "2" (see stud detail)

N = Mounting Nuts Supplied and Shipped Loose, Blank = No Nuts Supplied
Led Color: A = Red, B = Yellow, C = Green, D = Orange, E = Blue
Standard Legends: -112 or -113 for 3x4, -014 or -016 for 4x4

Mouser Electronics

Authorized Distributor

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

Grayhill:

[84BL-AB1-112A](#) [84BL-AB1-112B](#) [84BL-AB1-112BN](#) [84BL-AB1-112CN](#) [84BL-AB1-112EN](#) [84BL-AB1-113AN](#) [84BL-AB1-113CN](#) [84BL-AB2-113CN](#) [84BL-BB1-014DN](#) [84BL-BB1-016AN](#) [84BL-BB1-016CN](#) [84BL-BB1-016DN](#) [84BLN-AB1-112B](#) [84BLN-AB1-112CN](#) [84BLN-AB1-112DN](#) [84BLN-AB2-112AN](#) [84BLN-AB2-113AN](#) [84BLN-BB1-014A](#) [84BLN-BB1-014AN](#) [84BLN-BB1-014DN](#) [84BLN-BB1-016AN](#) [84BLN-BB1-016DN](#) [84BLN-BB2-014AN](#) [84BLN-BB2-014DN](#) [84BLN-BB2-016AN](#) [84BLN-BB2-016DN](#) [84BL-AB2-112CN](#) [84BL-BB2-016CN](#) [84BLN-AB1-112EN](#)