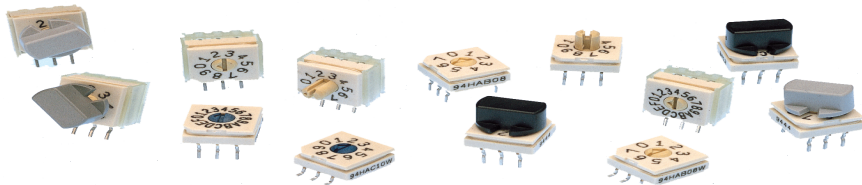


## SERIES 94H Binary Coded



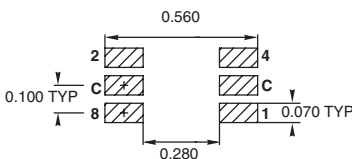
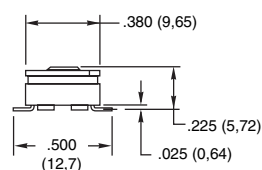
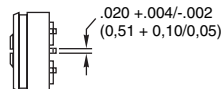
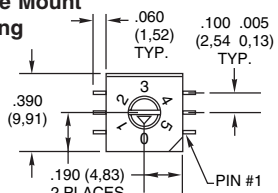
## FEATURES

- Sealed Construction; No Tape Seal Required
- Surface Mount or Thru-Hole Style
- Tube or Tape and Reel Packaging
- Octal, BCD, and Hexadecimal Code
- In Standard or Complement
- Standard and Right Angle Mount
- Flush or Extended Actuators
- Gold-Plated Contacts

## DIMENSIONS In inches (and millimeters)

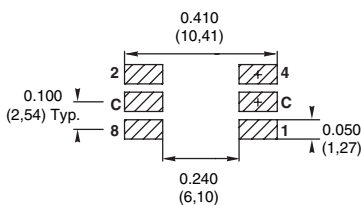
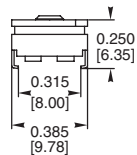
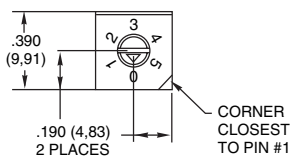
Tolerances are  $\pm .010$  inches unless specified otherwise.

### Surface Mount Gullwing

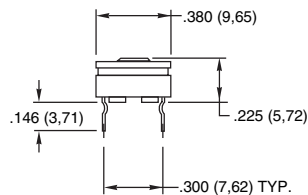
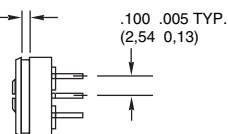
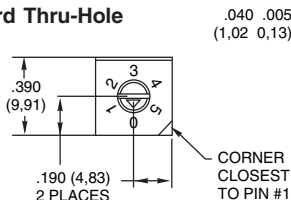


Solder pad layout as viewed from the top of the switch

### Surface Mount J-Lead



### Standard Thru-Hole



TERMINALS ARE  
 $.020 + .004 / -.002$   
 $(0.51 + 0.10 / 0.05)$   
 WIDE BY  $.012 .002$   
 $(0.31 0.05)$  THICK  
 $.038$  DIA. HOLE SIZE  
 RECOMMENDED

PC board layout as viewed from the top of the switch

## ACTUATOR STYLES



Octal-8 position



BCD-10 position



Hex-16 position

Figure 1  
"A" style rotor



Figure 2  
"F" style rotor

All actuation types are available in octal (8), binary coded decimal (10), or hexadecimal (16) codes; with either standard or complement output. Standard code outputs have natural color rotors; complements in a contrasting color.

## EXTENDED ACTUATOR TYPES

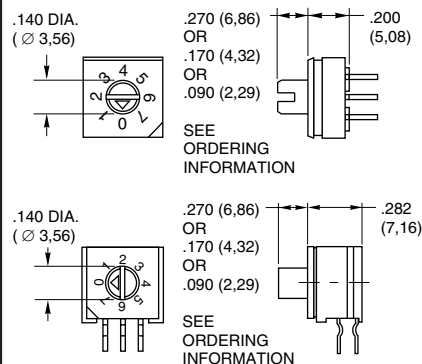
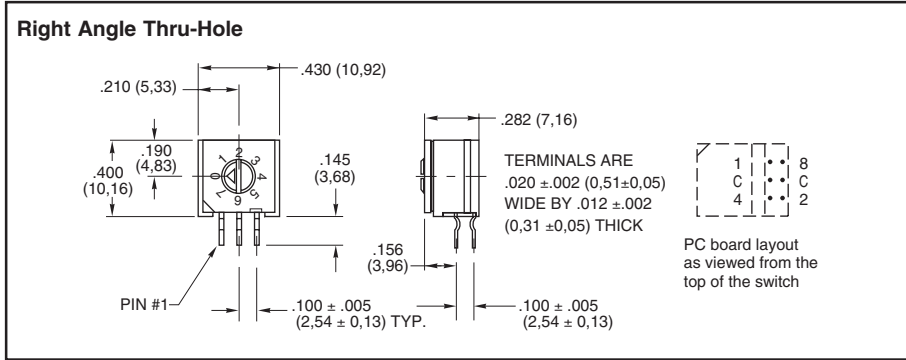


Figure 3

**DIMENSIONS** In inches (and millimeters)



**ORDERING INFORMATION: Series 94H**

**Series**  
**Actuator Style:** A = Flush, Figure 1  
 B = .270, Figure 3 (see page B-21)  
 C = .170, Figure 3 (see page B-21)  
 E = .090, Figure 3 (see page B-21)  
 F = Flush, Figure 2

**Code:** B = Standard (Natural),  
 C = Complementary (Contrasting Color)

**RoHS Compliant**

**Packaging:** R = Tape and Reel, (Surface Mount Only)  
 Blank = Tube\*

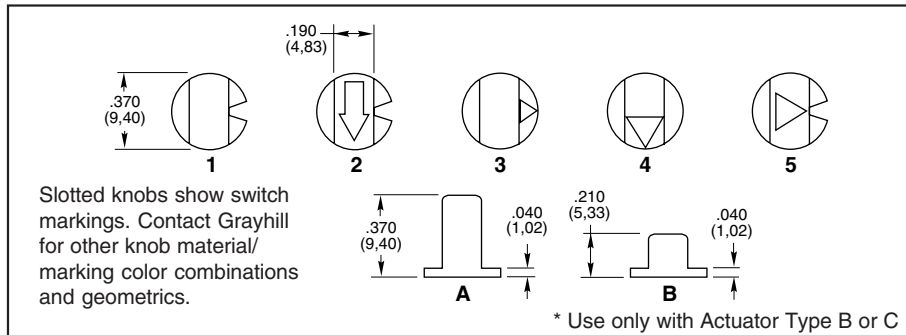
**Terminal Style:** RA = Right Angle, Thru-Hole  
 J = J-Lead  
 W = Surface Mount  
 Blank = Thru-Hole

**Number of Positions:** 08 = Octal, 8 Position  
 10 = BCD, 10 Position  
 16 = Hex, 16 Position

**94HAB10WRT**

\* 27 Pieces per tube for surface mount and thru-hole, 24 pieces per tube for right angle switches.

**SERIES 94 High Temperature Knobs: For Shaft Extensions**

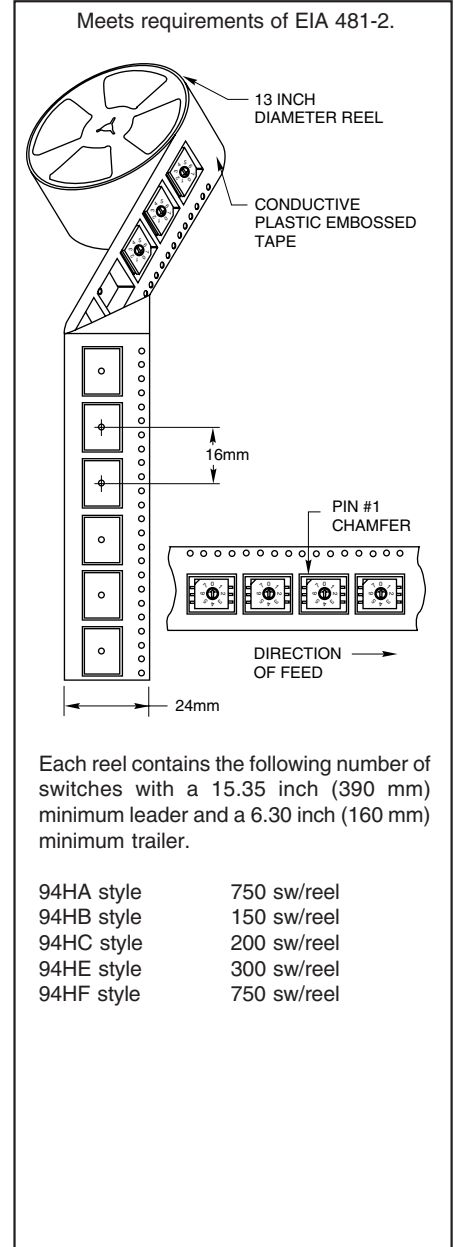


**ORDERING INFORMATION: Series 94 High Temperature Knobs\***

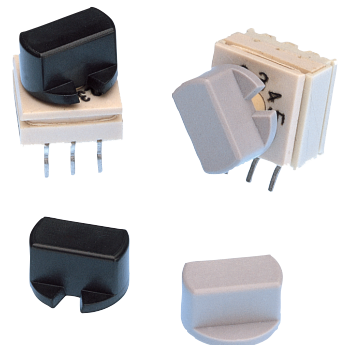
Knob Style and Height	Knob Color	Arrow Color	Part Number
1A	Gray	N/A	947706-001
5A	Gray	Black	947706-005
1B	Black	N/A	947705-001
1B	Gray	N/A	947705-012
2B	Gray	White	947705-004
3B	Gray	Black	947705-017
4B	Gray	Black	947705-018
1B	Natural	N/A	947705-009
4B	Black	White	947705-010
5B	Gray	Black	947705-019

\*Ordered as a separate item. B = Standard (Natural), C = Complementary (Contrasting Color).

**TAPE AND REEL PACKAGING: Series 94H**



94HA style	750 sw/reel
94HB style	150 sw/reel
94HC style	200 sw/reel
94HE style	300 sw/reel
94HF style	750 sw/reel



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