

**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

DIP Switches

**DIMENSIONS** In inches (and millimeters)

Tolerances are ± .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/-0.002  
(0,51 + 0,10/0,05)  
WIDE BY .012 .002  
(0,31 0,05) THICK  
.038 DIA. HOLE SIZE  
RECOMMENDED

**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

**94HAB10WRT**

**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

\* 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

Meets requirements of EIA 481-2.

13 INCH DIAMETER REEL  
 CONDUCTIVE PLASTIC EMBOSSED TAPE

16mm [Pitch]  
 PIN #1 CHAMFER  
 DIRECTION OF FEED →  
 24mm [Width]

Each reel contains the following number of switches with a 15.35 inch (390 mm) minimum leader and a 6.30 inch (160 mm) minimum trailer.

|            |             |
|------------|-------------|
| 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.