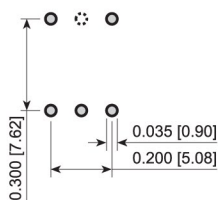
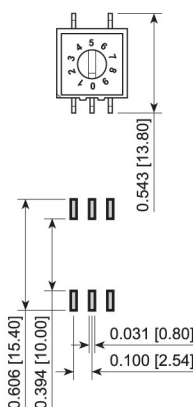


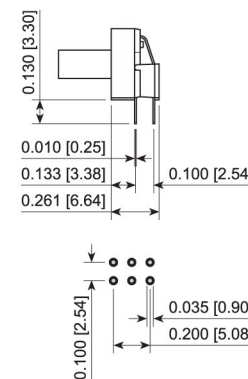
## Suggested Panel Cutout



## Surface Mount Version



## Right Angle Version



## FEATURES:

- Through Hole, Right Angle, and SMT Option
- Tape and Reel Packaging

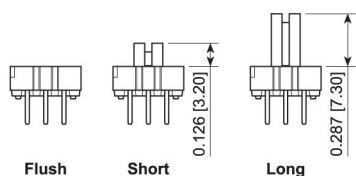
## SPECIFICATIONS:

**RATING:** 25mA 24VDC (Switching)  
100mA 50VDC (Non-switching)  
**TEMPERATURE:** -25°C to 80°C (Operating)  
-40°C to 85°C (Storage)  
**ELECTRICAL LIFE:** 15,000 Cycles  
**DIELECTRIC STRENGTH:** 250VAC for 1 Minute  
**INSULATION RESISTANCE:** 100MΩ Min. at 250VDC  
**CONTACT RESISTANCE:** 100mΩ Max.  
**CAPACITANCE:** 5pF  
**VIBRATION TEST:** Mil-Std-202F Method 201A  
**SHOCK TEST:** Mil-Std-202F Method 213B  
**OPERATION FORCE:** 200gf·cm

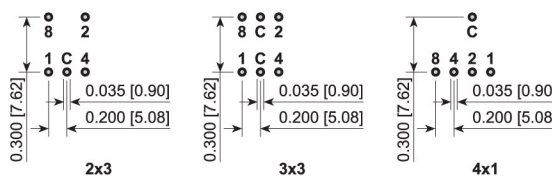
## MATERIALS:

**BASE:** Nylon, UL94 V-0  
**COVER:** Nylon, UL94 V-0  
**ACTUATOR:** Liquid Crystal Polymer, UL94 V-0  
**CONTACTS:** Gold Over Nickel Plated Copper  
**TERMINALS:** Gold Plated Brass

## Actuator Options



## Terminal Options



DR3MH-10R



DR2-10R

DR3-10R

DR4A-16R

| Series                     | Terminal Type            | Actuator Type | Number of Positions | Encoding Type  | Packaging               |
|----------------------------|--------------------------|---------------|---------------------|----------------|-------------------------|
| DR2 - 2x3 Terminal Pattern | None - Through Hole      | None - Flush  | 10 - 10 Positions   | R - Real Codes | None - Bulk             |
| DR3 - 3x3 Terminal Pattern | A - Right Angle          | H - Long      | 16 - 16 Positions   |                | B - Tube                |
| DR4 - 4x1 Terminal Pattern | M - Surface Mount        | S - Short (*) |                     |                | TR - Tape and Reel (**) |
|                            | S - Snap-In Through Hole |               |                     |                |                         |

Notes:  
\* = Available with 3x3 Terminal Pattern Only.  
\*\* = Available with Surface Mount Terminals Only.

## EXAMPLE PART NUMBERS:

|                                     |             |
|-------------------------------------|-------------|
| DR2-10R                             | 10 Position |
| 2x3, Through Hole, Flush, Real Code |             |
| DR3-10R                             | 10 Position |
| 3x3, Through Hole, Flush, Real Code |             |
| DR3-16R                             | 16 Position |
| 3x3, Through Hole, Flush, Real Code |             |
| DR3A-10R                            | 10 Position |
| 3x3, Right Angle, Flush, Real Code  |             |
| DR3AH-10R                           | 10 Position |
| 3x3, Right Angle, Long, Real Code   |             |
| DR3H-10R                            | 10 Position |
| 3x3, Through Hole, Long, Real Code  |             |
| DR3H-16R                            | 16 Position |
| 3x3, Through Hole, Long, Real Code  |             |
| DR3M-10R                            | 10 Position |
| 3x3, SMT, Flush Actuator, Real Code |             |

