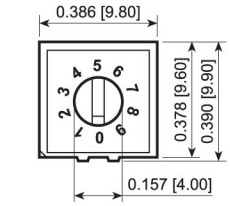
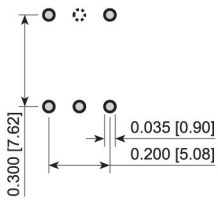
# DR Series

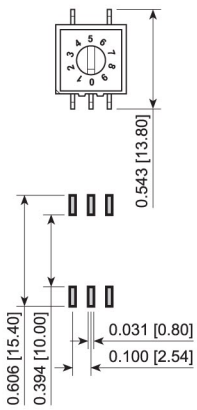
Standard PCB Mount | Right Angle PCB Mount | Surface Mount | Tape and Reel | RoHS



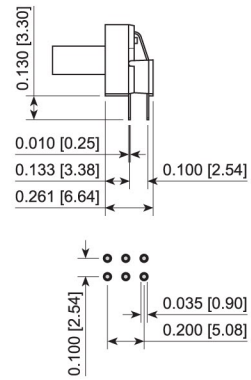

**Suggested Panel Cutout**

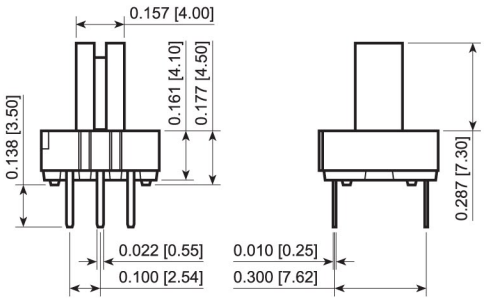



**Surface Mount Version**




**Right Angle Version**




## FEATURES:

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

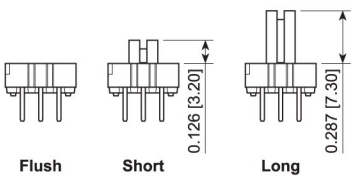
## SPECIFICATIONS:

**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

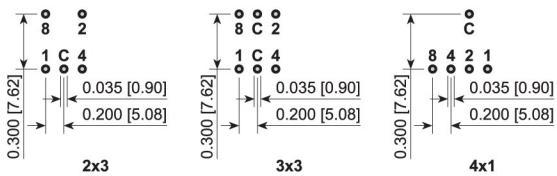
## MATERIALS:

**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**

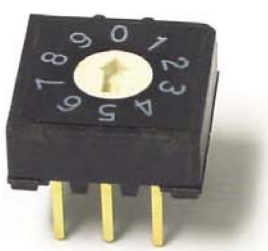



**Terminal Options**




**DR3MH-10R**

**DR2-10R**



**DR3-10R**

**DR4A-16R**

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

*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***

DIP

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# Mouser Electronics

Authorized Distributor

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

E-Switch:

DR3M10RTR DR4M-16R-TR