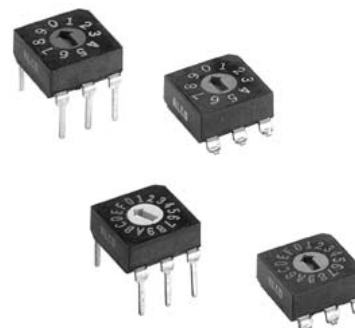


## MRD Series Rotary DIP Switch, Low Profile, Process Sealed, 7mm, THT & SMT

### Features

- 40% PCB area space savings over standard DIP switches
- 50% lower profile than standard DIP switches
- Hexadecimal or binary code, with or without complement
- Sealed O-ring design
- Vertical and right angle versions



DIP Switches

### Typical performance characteristics

Contact rating, switching (max) . . . . . 0.4 VA @ 20 VDC or AC  
Contact rating, switching (min) . . . . . 0.1  $\mu$ A @ 1 mV  
Electrical life . . . . . 10,000 steps  
Mechanical life . . . . . 20,000 steps  
Contact resistance . . . . . max 100 mOhm  
Insulation resistance . . . . . min 1000 MOhm  
Dielectric strength . . . . . 250 VAC for 1 min  
Actuation force . . . . . 200gfcmm max  
Actuator travel . . . . . 22.5° 16 position & 36° 10 position

### Environmental specification

Operating temperature . . . . . -30 to +85°C  
Storage temperature . . . . . -45 to +100°C  
Solder heat resistance . . . . . 265°C/10s wave or 260°C/10s reflow

### Material specifications

Contacts . . . . . copper alloy gold finish  
Actuator . . . . . nylon  
Terminals . . . . . copper alloy gold finish  
Base . . . . . pps  
Cover . . . . . pps  
RoHS Directive 2002/95/EC . . . . . compliant

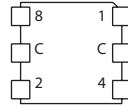
| Product key         |                                                                             | Typical product key |     | MRD                    | 10C |  | S | TR | 04 |  |
|---------------------|-----------------------------------------------------------------------------|---------------------|-----|------------------------|-----|--|---|----|----|--|
| Type                |                                                                             |                     |     |                        |     |  |   |    |    |  |
| MRD                 | Rotary DIP switch, low profile, process sealed, 7mm, vertical & right angle |                     |     |                        |     |  |   |    |    |  |
| Circuit type        |                                                                             |                     |     |                        |     |  |   |    |    |  |
| 10                  | BC decimal                                                                  |                     | 16  | hexadecimal            |     |  |   |    |    |  |
| 10C                 | BCD complement                                                              |                     | 16C | hexadecimal complement |     |  |   |    |    |  |
| Operating direction |                                                                             |                     |     |                        |     |  |   |    |    |  |
| blank               | vertical                                                                    |                     | RA  | right angle            |     |  |   |    |    |  |
| Terminal            |                                                                             |                     |     |                        |     |  |   |    |    |  |
| blank               | through hole - THT                                                          |                     | S   | gullwing SMT           |     |  |   |    |    |  |
| Packaging           |                                                                             |                     |     |                        |     |  |   |    |    |  |
| blank               | tube                                                                        |                     |     |                        |     |  |   |    |    |  |
| TR                  | tape & reel                                                                 |                     |     |                        |     |  |   |    |    |  |
| Material            |                                                                             |                     |     |                        |     |  |   |    |    |  |
| 04                  | RoHS compliant                                                              |                     |     |                        |     |  |   |    |    |  |

## MRD Series Rotary DIP Switch, Low Profile, Process Sealed, 7mm (Continued)

### Circuit type



TERMINAL IDENTIFICATION  
VIEWED FROM BOTTOM SWITCH



### Codes 10, 10C 10 position BC decimal, BC decimal complement

10 position, BCD (red actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|---|---|---|---|---|---|---|---|---|---|
| C  |   |   |   |   |   |   |   |   |   |   |
| 1  |   |   |   |   |   |   |   |   |   |   |
| 2  |   |   |   |   |   |   |   |   |   |   |
| 4  |   |   |   |   |   |   |   |   |   |   |
| 8  |   |   |   |   |   |   |   |   |   |   |

10 position, BDC complement (orange actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|---|---|---|---|---|---|---|---|---|---|
| C  |   |   |   |   |   |   |   |   |   |   |
| 1  |   |   |   |   |   |   |   |   |   |   |
| 2  |   |   |   |   |   |   |   |   |   |   |
| 4  |   |   |   |   |   |   |   |   |   |   |
| 8  |   |   |   |   |   |   |   |   |   |   |

### Codes 16, 16C 16 position hexadecimal, hexadecimal complement

16 position, hexadecimal (black actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

16 position, hexadecimal complement (white act.)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

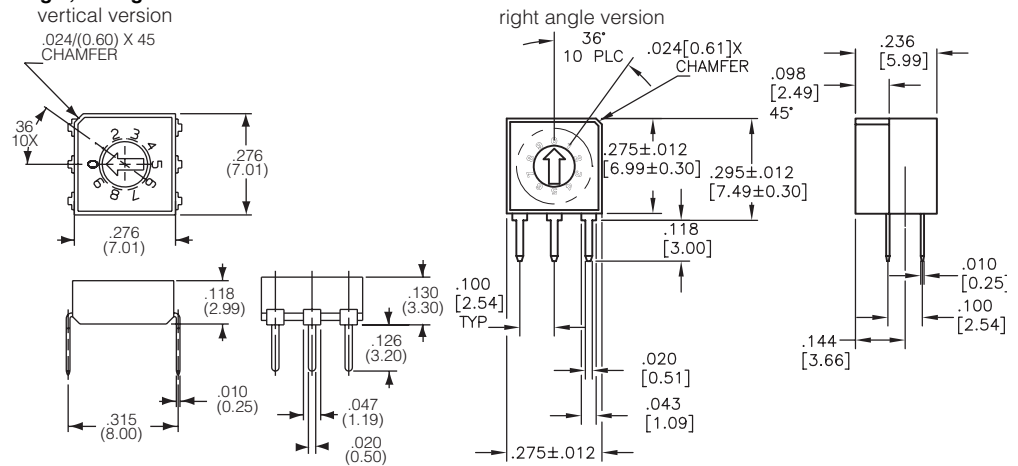
### Terminal



### blank vertical and right angle, through hole THT

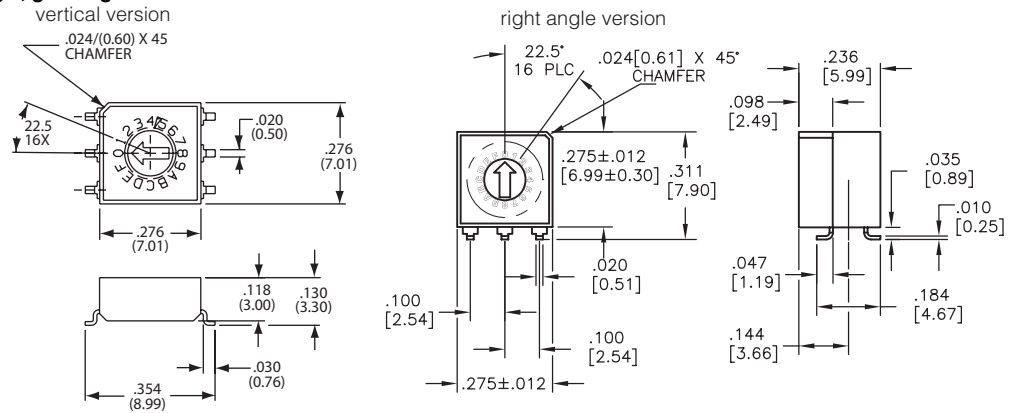


MRD1004

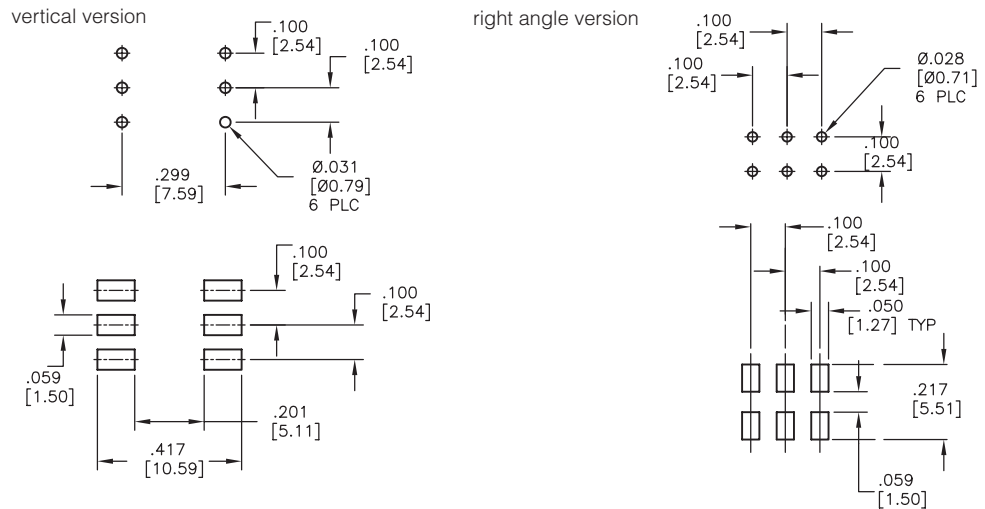


## MRD Series Rotary DIP Switch, Low Profile, Process Sealed, 7mm (Continued)

### S vertical and right angle, gullwing SMT



### layouts THT and SMT



| Product key        | Circuit type    | Terminal    | Terminal | Packaging   | Material       | Part Number        |
|--------------------|-----------------|-------------|----------|-------------|----------------|--------------------|
| <b>MRD1004</b>     | BC decimal      | vertical    | THT      | tube        | RoHS compliant | <b>1825013-1</b>   |
| MRD10C04           | BCD             |             |          |             |                | 1825013-2          |
| MRD10CRA04         | complement      | right angle |          |             |                | 1825013-3          |
| MRD10CRAS04        |                 |             |          |             |                | 1825013-4          |
| MRD10CS04          |                 | vertical    | SMT      |             |                | 1825013-5          |
| <b>MRD10CSTR04</b> |                 |             |          | tape & reel |                | <b>1825013-6</b>   |
| MRD10RA04          | BC decimal      | right angle | THT      | tube        |                | 1825013-7          |
| MRD10RAS04         |                 |             |          |             |                | 1825013-8          |
| MRD10S04           |                 | vertical    | SMT      |             |                | 1825013-9          |
| MRD10STR04         |                 |             |          | tape & reel |                | 1-1825013-0        |
| <b>MRD1604</b>     | hexadecimal     |             | THT      | tube        |                | <b>1-1825013-1</b> |
| MRD16C04           | hexadecimal     |             |          |             |                | 1-1825013-2        |
| MRD16CRA04         | complement      | right angle |          |             |                | 1-1825013-3        |
| MRD16CRAS04        |                 |             |          |             |                | 1-1825013-4        |
| MRD16CS04          |                 | vertical    | SMT      |             |                | 1-1825013-5        |
| <b>MRD16CSTR04</b> |                 |             |          | tape & reel |                | <b>1-1825013-6</b> |
| MRD16RA04          | hexadecimal     | right angle | THT      | tube        |                | 1-1825013-7        |
| MRD16RAS04         |                 |             |          |             |                | 1-1825013-8        |
| MRD16S04           |                 | vertical    | SMT      |             |                | 1-1825013-9        |
| <b>MRD16STR04</b>  |                 |             |          | tape & reel |                | <b>2-1825013-0</b> |
| MRD10CRASTR04      | BCD complement  | right angle |          |             |                | 2-1825013-1        |
| MRD10RASTR04       | BC decimal      |             |          |             |                | 2-1825013-2        |
| MRD16CRASTR04      | hex. complement |             |          |             |                | 2-1825013-3        |
| MRD16RASTR04       | hexadecimal     |             |          |             |                | 2-1825013-4        |

Preferred parts in bold print

## DRD Series Rotary DIP Switch, Process Sealed, THT & SMT

### Features

- Hexadecimal or binary code, with or without complement
- Insert molded terminals
- High pressure contacts provide 20,000 steps
- Unique design utilizes high pressure pin-point sliding contacts to penetrate contaminants on contact surface



### Typical performance characteristics

Contact rating, switching (max) . . . . . 0.4 VA @ 20 VDC or peak AC  
 Electrical life . . . . . 20,000 steps  
 Mechanical life . . . . . 20,000 steps  
 Contact resistance . . . . . max 50 mOhm  
 Insulation resistance . . . . . min 1000 MOhm  
 Dielectric strength . . . . . 300 VAC for 1 min  
 Actuation force . . . . . THT: 43.1Nmm (6 oz-in) average  
 . . . . . SMT: 21.6Nmm (3 oz-in) average  
 Actuator travel . . . . . 22.5° 16 position & 36° 10 position

### Environmental specification

Operating temperature . . . . . -30 to +85°C  
 Storage temperature . . . . . -45 to +100°C  
 Solder heat resistance . . . . . 265°C/10s wave or 260°C/10s reflow

### Material specifications

Contacts . . . . . copper alloy gold finish  
 Rotor . . . . . nylon  
 Terminals . . . . . copper alloy gold finish  
 Base . . . . . pps  
 Cover . . . . . pps  
 O-Ring . . . . . rubber  
 Tape . . . . . polyamid  
 RoHS Directive 2002/95/EC . . . . . compliant

| Product key  |                                                                 | Typical product key |                        | DRD | 10 | E | 04 |
|--------------|-----------------------------------------------------------------|---------------------|------------------------|-----|----|---|----|
| Type         |                                                                 |                     |                        |     |    |   |    |
| DRD          | Rotary DIP switch, process sealed, through hole & surface mount |                     |                        |     |    |   |    |
| Circuit type |                                                                 |                     |                        |     |    |   |    |
| 10           | BC decimal                                                      | 16                  | hexadecimal            |     |    |   |    |
| 10C          | BCD complement                                                  | 16C                 | hexadecimal complement |     |    |   |    |
| Terminal     |                                                                 |                     |                        |     |    |   |    |
| blank        | through hole - THT                                              | S                   | gullwing SMT           |     |    |   |    |
|              |                                                                 | SA                  | J-lead SMT             |     |    |   |    |
| Version      |                                                                 |                     |                        |     |    |   |    |
| E            | standard                                                        |                     |                        |     |    |   |    |
| Packaging    |                                                                 |                     |                        |     |    |   |    |
| blank        | tube                                                            |                     |                        |     |    |   |    |
| TR           | tape & reel                                                     |                     |                        |     |    |   |    |
| Material     |                                                                 |                     |                        |     |    |   |    |
| 04           | RoHS compliant                                                  |                     |                        |     |    |   |    |

# DRD Series Rotary DIP Switch, Process Sealed, THT & SMT (Continued)

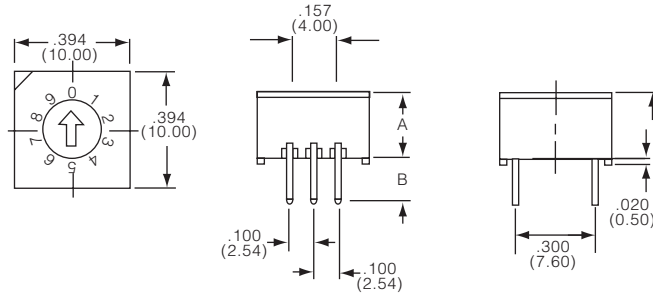
DRD Series



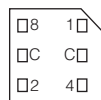
D flush actuator



DRD10



Circuit type



VIEW FROM BOTTOM  
OF THE SWITCH

NOTE: COMMON TERMINALS ARE CONNECTED INTERNALLY

**Codes 10, 10C 10 position BC decimal, BC decimal complement**

10 position, BCD (red actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|---|---|---|---|---|---|---|---|---|---|
| C  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1  |   | ■ |   | ■ |   | ■ |   | ■ |   | ■ |
| 2  |   |   |   | ■ |   |   |   | ■ |   |   |
| 4  |   |   |   |   | ■ | ■ | ■ | ■ |   |   |
| 8  |   |   |   |   |   |   |   |   | ■ | ■ |

10 position, BDC complement (orange actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|---|---|---|---|---|---|---|---|---|---|
| C  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1  | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   |
| 2  | ■ | ■ |   |   |   |   |   |   | ■ | ■ |
| 4  | ■ | ■ | ■ | ■ |   |   |   |   | ■ | ■ |
| 8  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |   |   |

**Codes 16, 16C 16 position hexadecimal, hexadecimal complement**

16 position, hexadecimal (black actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1  | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   |
| 2  |   | ■ | ■ |   |   | ■ | ■ |   |   | ■ | ■ |   |   | ■ | ■ |   |
| 4  |   |   |   | ■ | ■ | ■ | ■ |   |   |   |   | ■ | ■ | ■ | ■ |   |
| 8  |   |   |   |   |   |   |   | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

16 position, hexadecimal complement (white act.)

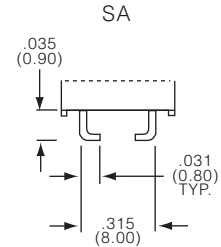
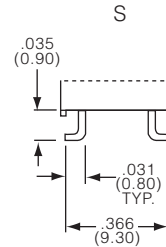
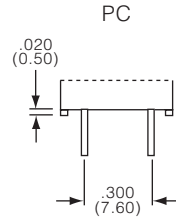
| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1  | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   | ■ |   |
| 2  | ■ | ■ |   |   | ■ | ■ |   |   |   | ■ | ■ |   |   | ■ | ■ |   |
| 4  | ■ | ■ | ■ | ■ |   |   |   | ■ | ■ | ■ | ■ |   |   |   |   |   |
| 8  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

## DRD Series Rotary DIP Switch, Process Sealed, THT & SMT (Continued)

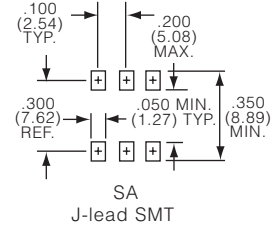
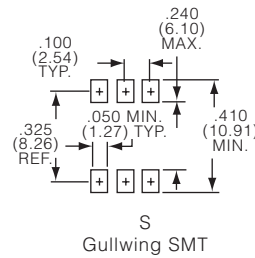
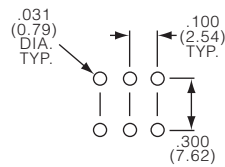
### Terminal



Codes blank, S, SA through hole THT, gullwing SMT, J-lead SMT



### PCB layouts



| Product key        | Circuit type | Terminal     | Packaging | Material       | Part Number        |
|--------------------|--------------|--------------|-----------|----------------|--------------------|
| <b>DRD10CE04</b>   | BCD          | THT          | tube      | RoHS compliant | <b>1825007-1</b>   |
| DRD10CSAE04        | complement   | J-lead SMT   |           |                | 1825007-2          |
| DRD10CSAETR04      |              |              | tape&reel |                | 1825007-4          |
| DRD10CSE04         |              | gullwing SMT | tube      |                | 1825007-3          |
| DRD10CSETR04       |              |              | tape&reel |                | 1825007-5          |
| <b>DRD10E04</b>    | BC decimal   | THT          | tube      |                | <b>1825007-6</b>   |
| DRD10ET04          |              |              |           |                | 2-1825007-1        |
| DRD10SAE04         |              | J-lead SMT   |           |                | 1825007-7          |
| DRD10SAETR04       |              |              | tape&reel |                | 1825007-9          |
| DRD10SE04          |              | gullwing SMT | tube      |                | 1825007-8          |
| <b>DRD10SETR04</b> |              |              |           |                | <b>1-1825007-0</b> |
| <b>DRD16CE04</b>   | hexadecimal  | THT          |           |                | <b>1-1825007-1</b> |
| DRD16CSAE04        | complement   | J-lead SMT   |           |                | 1-1825007-2        |
| DRD16CSAETR04      |              |              | tape&reel |                | 1-1825007-4        |
| DRD16CSE04         |              | gullwing SMT | tube      |                | 1-1825007-3        |
| DRD16CSETR04       |              |              |           |                | 1-1825007-5        |
| <b>DRD16E04</b>    | hexadecimal  | THT          |           |                | <b>1-1825007-6</b> |
| DRD16ET04          |              |              |           |                | 2-1825007-2        |
| DRD16SAE04         |              | J-lead SMT   |           |                | 1-1825007-7        |
| DRD16SAETR04       |              |              | tape&reel |                | 1-1825007-9        |
| DRD16SE04          |              | gullwing SMT | tube      |                | 1-1825007-8        |
| <b>DRD16SETR04</b> |              |              | tape&reel |                | <b>2-1825007-0</b> |

Preferred parts in bold print

## DRD, DRM, DRS or DRW Series Rotary DIP Switch, THT

### Features

- Hexadecimal or binary code, with or without complement
- Insert molded terminals
- High pressure contacts provide 20,000 steps
- Unique design utilizes high pressure pin-point sliding contacts to penetrate contaminants on contact surface
- Various actuator options



### Typical performance characteristics

Contact rating, switching (max) . . . . . 0.4 VA @ 20 VDC or peak AC  
 Electrical life . . . . . 20,000 steps  
 Mechanical life . . . . . 20,000 steps  
 Contact resistance . . . . . max 50 mOhm  
 Insulation resistance . . . . . min 1000 MOhm  
 Dielectric strength . . . . . 300 VAC for 1 min  
 Actuation force . . . . . 43.1Nmm (6 oz-in) average  
 Actuator travel . . . . . 22.5° 16 position & 36° 10 position

### Environmental specification

Operating temperature . . . . . -30 to +85°C  
 Storage temperature . . . . . -45 to +100°C  
 Solder heat resistance . . . . . 265°C/10s wave

### Material specifications

Contacts . . . . . copper alloy gold finish  
 Rotor . . . . . nylon  
 Terminals . . . . . copper alloy gold finish  
 Base . . . . . pps  
 Cover . . . . . pps  
 Tape . . . . . polyimide  
 Shaft (DRS) . . . . . brass nickel finish  
 Bushing (DRS) . . . . . zinc die cast  
 RoHS Directive 2002/95/EC . . . . . compliant

| Product key    |       | Typical product key                             |     | DR                     | D | 16C | RA | E | 04 |
|----------------|-------|-------------------------------------------------|-----|------------------------|---|-----|----|---|----|
| Type           | DR    | Rotary DIP switch, through hole                 |     |                        |   |     |    |   |    |
| Actuator style | D     | flush (right angle version only)                | S   | metal shaft            |   |     |    |   |    |
|                | M     | mini plastic shaft                              | W   | wheel                  |   |     |    |   |    |
| Circuit type   | 10    | BC decimal                                      | 16  | hexadecimal            |   |     |    |   |    |
|                | 10C   | BCD complement                                  | 16C | hexadecimal complement |   |     |    |   |    |
| Terminations   | blank | pcb vertical                                    | RA  | right angle            |   |     |    |   |    |
| Version        | E     | standard (for actuator styles 'D', 'M' and 'W') |     |                        |   |     |    |   |    |
|                | blank | standard (for actuator style 'S')               |     |                        |   |     |    |   |    |
| Material       | 04    | RoHS compliant                                  |     |                        |   |     |    |   |    |

## DRD, DRM, DRS or DRW Series Rotary DIP Switch, THT (Continued)

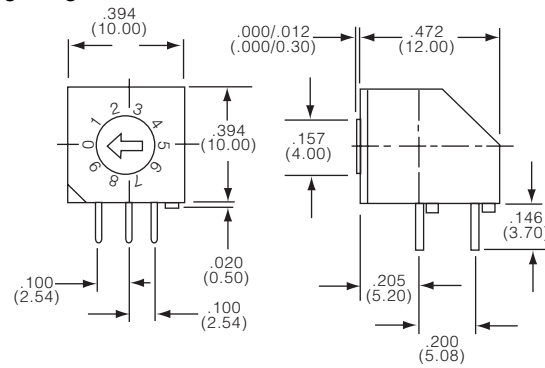
Actuator style



**Code D** flush actuator, right angle



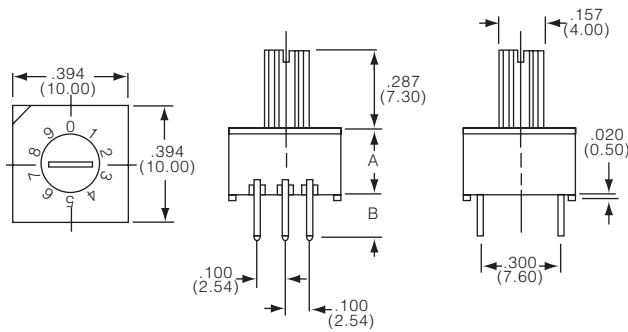
DRD10E04



**Code M** mini plastic shaft, vertical



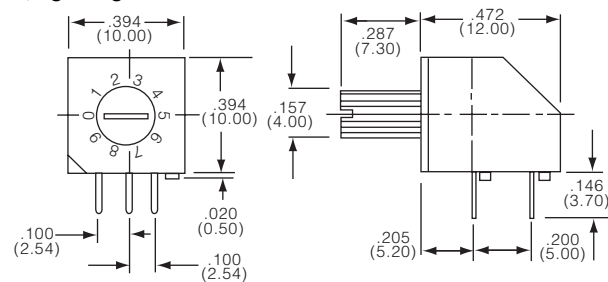
DRM10E04



**Code M** mini plastic shaft, right angle



DRM10RAE04

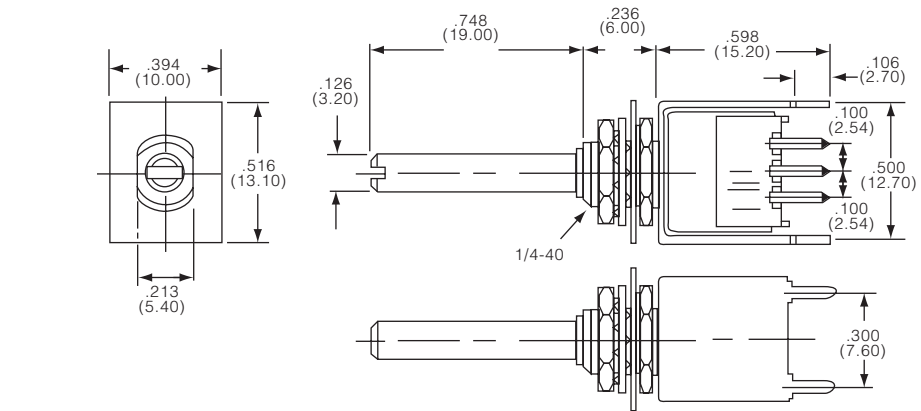


## DRD, DRM, DRS or DRW Series Rotary DIP Switch, THT (Continued)

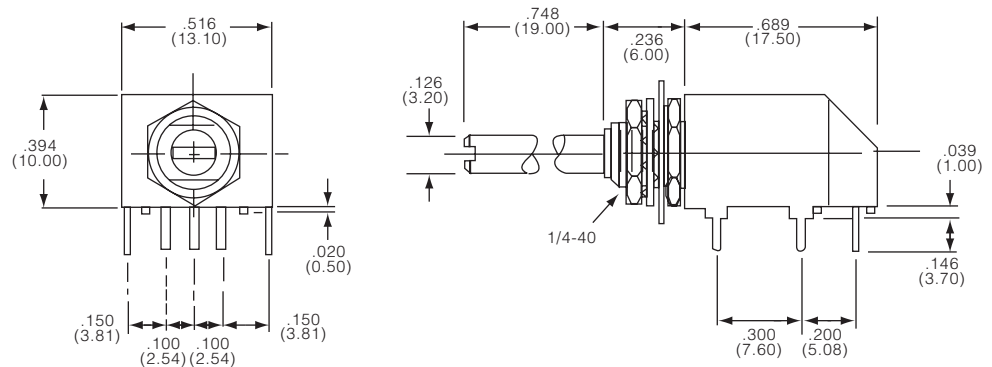
### Code S metal shaft, vertical



DRS1004



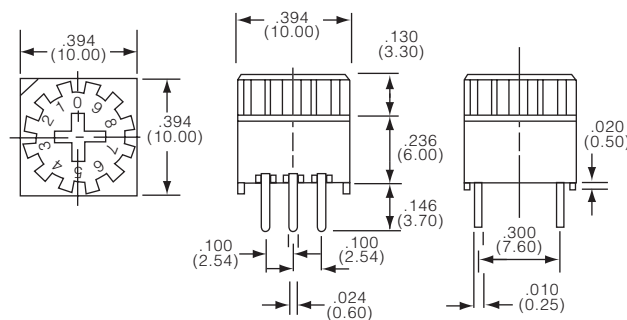
### Code S metal shaft, right angle



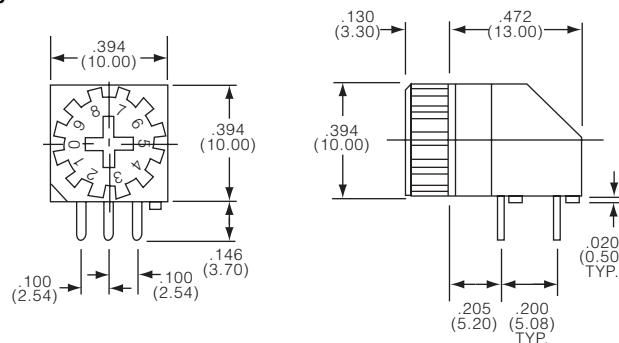
### Code W wheel, vertical



DRW16E04



### Code W wheel, right angle



## DRD, DRM, DRS or DRW Series Rotary DIP Switch, THT (Continued)

### Circuit type



#### Codes 10, 10C 10 position BC decimal, BC decimal complement



VIEW FROM BOTTOM  
OF THE SWITCH  
NOTE: COMMON TERMINALS  
ARE CONNECTED INTERNALLY

##### 10 position, BCD (red actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|---|---|---|---|---|---|---|---|---|---|
| C  |   |   |   |   |   |   |   |   |   |   |
| 1  |   |   |   |   |   |   |   |   |   |   |
| 2  |   |   |   |   |   |   |   |   |   |   |
| 4  |   |   |   |   |   |   |   |   |   |   |
| 8  |   |   |   |   |   |   |   |   |   |   |

##### 10 position, BCD complement (orange actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|---|---|---|---|---|---|---|---|---|---|
| C  |   |   |   |   |   |   |   |   |   |   |
| 1  |   |   |   |   |   |   |   |   |   |   |
| 2  |   |   |   |   |   |   |   |   |   |   |
| 4  |   |   |   |   |   |   |   |   |   |   |
| 8  |   |   |   |   |   |   |   |   |   |   |

#### Codes 16, 16C 16 position hexadecimal, hexadecimal complement

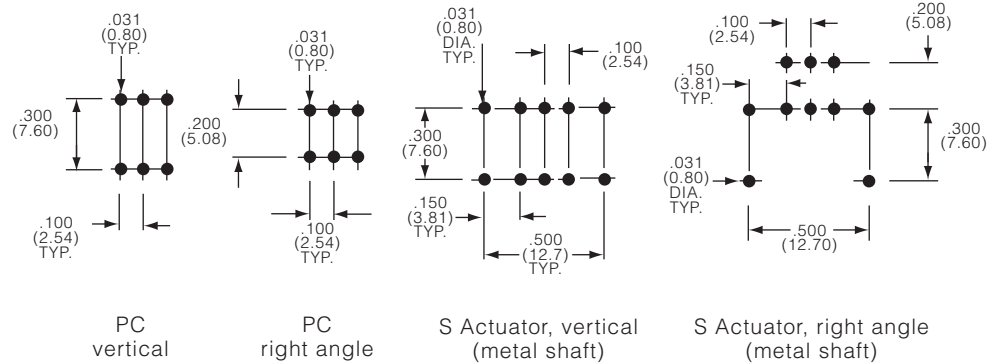
##### 16 position, hexadecimal (black actuator)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

##### 16 position, hexadecimal complement (white act.)

| P. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### Layouts



| Product key       | Actuator              | Circuit type   | Terminations | Material          | Part Number      |
|-------------------|-----------------------|----------------|--------------|-------------------|------------------|
| DRD10RAE04        | actuator<br>flush     | BC decimal     | right angle  | RoHS<br>compliant | 1825008-2        |
| DRD10CRAE04       |                       | BCD complement |              |                   | 1825008-1        |
| DRD16RAE04        |                       | hexadecimal    |              |                   | 1825008-4        |
| DRD16CRAE04       |                       | hex complement |              |                   | 1825008-3        |
| DRM10E04          | mini plastic<br>shaft | BC decimal     | vertical     |                   | 1825033-1        |
| <b>DRM10RAE04</b> |                       |                | right angle  |                   | <b>1825008-6</b> |
| DRM10CE04         |                       | BCD complement | vertical     |                   | 1825033-6        |
| DRM10CRAE04       |                       |                | right angle  |                   | 1825008-5        |
| DRM16E04          |                       | hexadecimal    | vertical     |                   | 1-1825033-1      |
| <b>DRM16RAE04</b> |                       |                | right angle  |                   | <b>1825008-8</b> |
| DRM16CE04         |                       | hexadecimal    | vertical     |                   | 1-1825033-6      |
| DRM16CRAE04       |                       | complement     | right angle  |                   | 1825008-7        |
| DRS1004           | metal<br>shaft        | BC decimal     | vertical     |                   | 4-1825033-1      |
| DRS10RA04         |                       |                | right angle  |                   | 1-1825008-0      |
| DRS10C04          |                       | BCD complement | vertical     |                   | 4-1825033-6      |
| DRS10CRA04        |                       |                | right angle  |                   | 1825008-9        |
| DRS1604           |                       | hexadecimal    | vertical     |                   | 5-1825033-1      |
| DRS16RA04         |                       |                | right angle  |                   | 1-1825008-2      |
| DRS16C04          |                       | hexadecimal    | vertical     |                   | 5-1825033-6      |
| DRS16CRA04        |                       | complement     | right angle  |                   | 1-1825008-1      |
| DRW10E04          | wheel                 | BC decimal     | vertical     |                   | 2-1825033-1      |
| DRW10RAE04        |                       |                | right angle  |                   | 1-1825008-4      |
| DRW10CE04         |                       | BCD complement | vertical     |                   | 2-1825033-6      |
| DRW10CRAE04       |                       |                | right angle  |                   | 1-1825008-3      |
| DRW16E04          |                       | hexadecimal    | vertical     |                   | 3-1825033-1      |
| DRW16RAE04        |                       |                | right angle  |                   | 1-1825008-6      |
| DRW16CE04         |                       | hexadecimal    | vertical     |                   | 3-1825033-6      |
| DRW16CRAE04       |                       | complement     | right angle  |                   | 1-1825008-5      |

Preferred parts in bold print