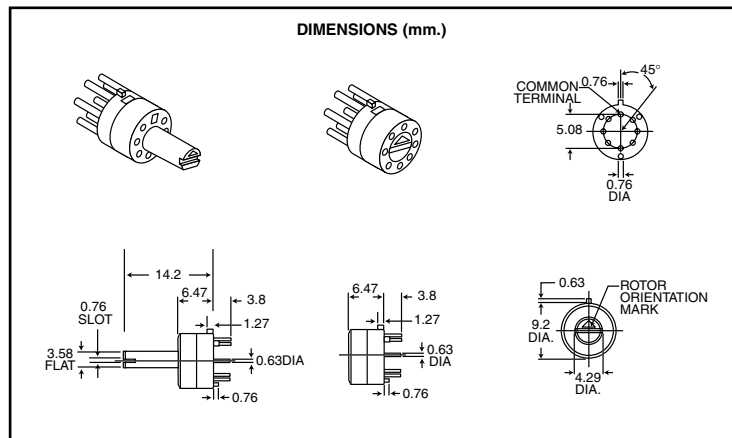


- Moulded 9.2mm diameter TO-5 rotary switch
- 45° indexing, positive action
- 1 pole up to 7 break-before make positions + off
- 6.4 mm mounted height above printed circuit board
- Screwdriver operating slot flush with top of housing
- Also available with 7.75mm long x 3.58mm diameter spindle with full length flat and screwdriver slot

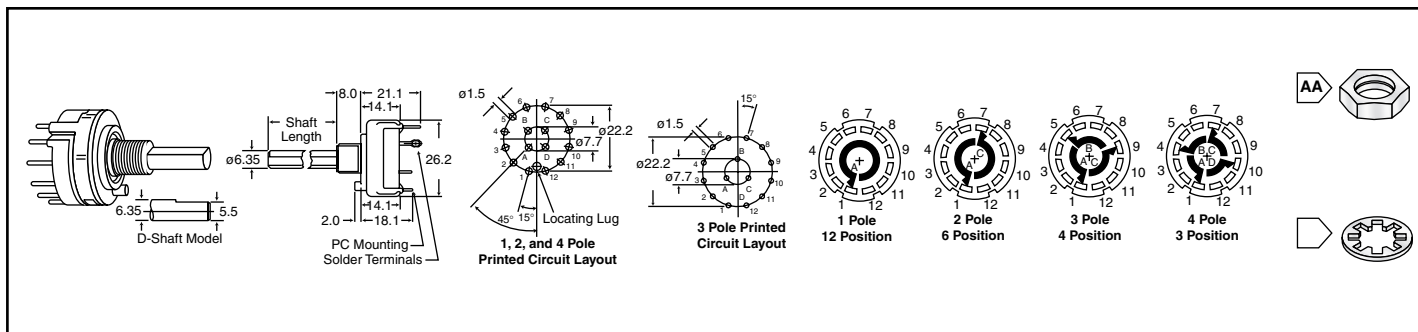
- Current & voltage ratings: 10 milliamps 1 volt, 500 milliamperes 125, VAC resistive load
- Breakdown voltage: 500 V 60 Hz
- Contact resistance: 500 milliamperes, 50 milliohms max initial, 100 milliohms max after operating life
- Insulation resistance: 50,000 megohms min at 100 volts
- Life: 2500 cycles
- Common ring terminal: Phosphor bronze, hard gold plate over nickel plate
- Selected terminals: Copper alloy, hard gold plate over nickel plate

| *Off* in extreme anti-clockwise position |         |        |           |
|------------------------------------------|---------|--------|-----------|
| MOUSER STOCK NO.                         |         | Travel | Positions |
| Flush Slot                               | Spindle |        |           |
| 10MT111                                  | 10MT211 | 360°   | 8         |
| 10MT118                                  | 10MT218 | 315°   | 8         |
| 10MT117                                  | 10MT217 | 270°   | 7         |
| 10MT116                                  | 10MT216 | 225°   | 6         |
| 10MT115                                  | 10MT215 | 180°   | 5         |
| 10MT114                                  | 10MT214 | 135°   | 4         |
| 10MT113                                  | 10MT213 | 90°    | 3         |
| 10MT112                                  | 10MT212 | 45°    | 2         |

"Off" in extreme anti-clockwise position



**DIMENSIONS (mm.)**



- Fully enclosed contacts
- Glass filled nylon
- Nylon design provides maximum shock hazard protection.

- Working voltage: 250VAC or 250VDC max.
- Breakdown voltage: 1000V<sub>RMS</sub>
- Contact resistance: less than 50mΩ max.
- Index angle: 30°
- Contact life: over 10,000 operations
- Contact rating: .15A @ 250VAC or DC
- Contact material: silver plated brass

| MOUSER STOCK NO.        | Poles | Positions (User Selectable) | Shaft Length (In.) | Shaft Length (mm.) |
|-------------------------|-------|-----------------------------|--------------------|--------------------|
| <b>Solder Terminals</b> |       |                             |                    |                    |
| 10WA324                 | 1     | 2 - 12                      | 1 3/16             | 30.0               |
| 10WA325                 | 2     | 2 - 6                       | 1 3/16             | 30.0               |
| 10WA326                 | 3     | 2 - 4                       | 1 3/16             | 30.0               |
| 10WA327                 | 4     | 2 - 3                       | 1 3/16             | 30.0               |
| 10WA364                 | 1     | 2 - 12                      | 1/2                | 12.7               |
| 10WA365                 | 2     | 2 - 6                       | 1/2                | 12.7               |
| 10WA366                 | 3     | 2 - 4                       | 1/2                | 12.7               |
| 10WA367                 | 4     | 2 - 3                       | 1/2                | 12.7               |
| 10WA354                 | 1     | 2 - 12                      | 3/8                | 9.5                |
| 10WA355                 | 2     | 2 - 6                       | 3/8                | 9.5                |
| 10WA356                 | 3     | 2 - 4                       | 3/8                | 9.5                |
| 10WA357                 | 4     | 2 - 3                       | 3/8                | 9.5                |
| <b>PC Terminals</b>     |       |                             |                    |                    |
| 10WA344                 | 1     | 2 - 12                      | 1 3/16             | 30.0               |
| 10WA345                 | 2     | 2 - 6                       | 1 3/16             | 30.0               |
| 10WA346                 | 3     | 2 - 4                       | 1 3/16             | 30.0               |
| 10WA347                 | 4     | 2 - 3                       | 1 3/16             | 30.0               |

(Make-Before-Brake)

| <b>MOUSER<br/>STOCK NO.</b> | <b>Poles</b> | <b>Positions<br/>(User<br/>Selectable)</b> | <b>Shaft<br/>Length<br/>(In.)</b> | <b>Shaft<br/>Length<br/>(mm.)</b> |
|-----------------------------|--------------|--------------------------------------------|-----------------------------------|-----------------------------------|
| <b>Solder Terminals</b>     |              |                                            |                                   |                                   |
| <b>105-13571</b>            | 1            | 2 - 12                                     | 3/8                               | 9.5                               |
| <b>105-13572</b>            | 2            | 2 - 6                                      | 3/8                               | 9.5                               |
| <b>105-13573</b>            | 3            | 2 - 4                                      | 3/8                               | 9.5                               |
| <b>105-13574</b>            | 4            | 2 - 3                                      | 3/8                               | 9.5                               |

(Break-Before-Make)

| MOUSER<br>STOCK NO.     | Poles | Positions<br>(User<br>Selectable) | Shaft<br>Length<br>(In.) | Shaft<br>Length<br>(mm.) |
|-------------------------|-------|-----------------------------------|--------------------------|--------------------------|
| <b>Solder Terminals</b> |       |                                   |                          |                          |
| 10WA124                 | 1     | 2 - 12                            | 1 3/16                   | 30.0                     |
| 10WA125                 | 2     | 2 - 6                             | 1 3/16                   | 30.0                     |
| 10WA126                 | 3     | 2 - 4                             | 1 3/16                   | 30.0                     |
| 10WA127                 | 4     | 2 - 3                             | 1 3/16                   | 30.0                     |
| 10WA164                 | 1     | 2 - 12                            | 1/2                      | 12.7                     |
| 10WA165                 | 2     | 2 - 6                             | 1/2                      | 12.7                     |
| 10WA166                 | 3     | 2 - 4                             | 1/2                      | 12.7                     |
| 10WA167                 | 4     | 2 - 3                             | 1/2                      | 12.7                     |
| 10WA154                 | 1     | 2 - 12                            | 3/8                      | 9.5                      |
| 10WA155                 | 2     | 2 - 6                             | 3/8                      | 9.5                      |
| 10WA156                 | 3     | 2 - 4                             | 3/8                      | 9.5                      |
| 10WA157                 | 4     | 2 - 3                             | 3/8                      | 9.5                      |
| <b>PC Terminals</b>     |       |                                   |                          |                          |
| 10WA144                 | 1     | 2 - 12                            | 1 3/16                   | 30.0                     |
| 10WA145                 | 2     | 2 - 6                             | 1 3/16                   | 30.0                     |
| 10WA146                 | 3     | 2 - 4                             | 1 3/16                   | 30.0                     |
| 10WA147                 | 4     | 2 - 3                             | 1 3/16                   | 30.0                     |
| 10WA134                 | 1     | 2 - 12                            | 1/2                      | 12.7                     |
| 10WA135                 | 2     | 2 - 6                             | 1/2                      | 12.7                     |
| 10WA136                 | 3     | 2 - 4                             | 1/2                      | 12.7                     |
| 10WA137                 | 4     | 2 - 3                             | 1/2                      | 12.7                     |
| 10WA174                 | 1     | 2 - 12                            | 3/8                      | 9.5                      |
| 10WA175                 | 2     | 2 - 6                             | 3/8                      | 9.5                      |
| 10WA176                 | 3     | 2 - 4                             | 3/8                      | 9.5                      |
| 10WA177                 | 4     | 2 - 3                             | 3/8                      | 9.5                      |

(Break-Before-Make)

| <b>MOUSER STOCK NO.</b> | <b>Poles</b> | <b>Positions (User Selectable)</b> | <b>Shaft Length (In.)</b> | <b>Shaft Length (mm.)</b> |
|-------------------------|--------------|------------------------------------|---------------------------|---------------------------|
| <b>Solder Terminals</b> |              |                                    |                           |                           |
| <b>105-14571</b>        | 1            | 2 - 12                             | 3/8                       | 9.5                       |
| <b>105-14572</b>        | 2            | 2 - 6                              | 3/8                       | 9.5                       |
| <b>105-14573</b>        | 3            | 2 - 4                              | 3/8                       | 9.5                       |
| <b>105-14574</b>        | 4            | 2 - 3                              | 3/8                       | 9.5                       |
| <b>PC Terminals</b>     |              |                                    |                           |                           |
| <b>105-2454</b>         | 1            | 2 - 12                             | 3/8                       | 9.5                       |
| <b>105-2455</b>         | 2            | 2 - 6                              | 3/8                       | 9.5                       |
| <b>105-2456</b>         | 3            | 2 - 4                              | 3/8                       | 9.5                       |
| <b>105-2457</b>         | 4            | 2 - 3                              | 3/8                       | 9.5                       |

(Break-Before-Make)

| MOUSER STOCK NO.        | Poles | Positions (User Selectable) | Shaft Length (In.) | Shaft Length (mm.) |
|-------------------------|-------|-----------------------------|--------------------|--------------------|
| <b>Solder Terminals</b> |       |                             |                    |                    |
| 10WC204                 | 1     | 12                          | 3/8                | 9.5                |
| 10WC205                 | 2     | 6                           | 3/8                | 9.5                |
| 10WC224                 | 1     | 12                          | 1/2                | 12.7               |
| 10WC225                 | 2     | 6                           | 1/2                | 12.7               |
| 10WC244                 | 1     | 12                          | 1 3/16             | 30.0               |
| 10WC245                 | 2     | 6                           | 1 3/16             | 30.0               |
| <b>PC Terminals</b>     |       |                             |                    |                    |
| 10WC404                 | 1     | 12                          | 3/8                | 9.5                |
| 10WC405                 | 2     | 6                           | 3/8                | 9.5                |
| 10WC444                 | 1     | 12                          | 1 3/16             | 30.0               |
| 10WC445                 | 2     | 6                           | 1 3/16             | 30.0               |

| MOUSER<br>STOCK NO. | Fig. | Size<br>(mm) | Price Each |      |
|---------------------|------|--------------|------------|------|
|                     |      |              | 100        | 1000 |
| 481-0095            | AA   | M9.5 x .75   | .24        | .21  |
| 481-0680            | BB   | 10           | .056       | .050 |