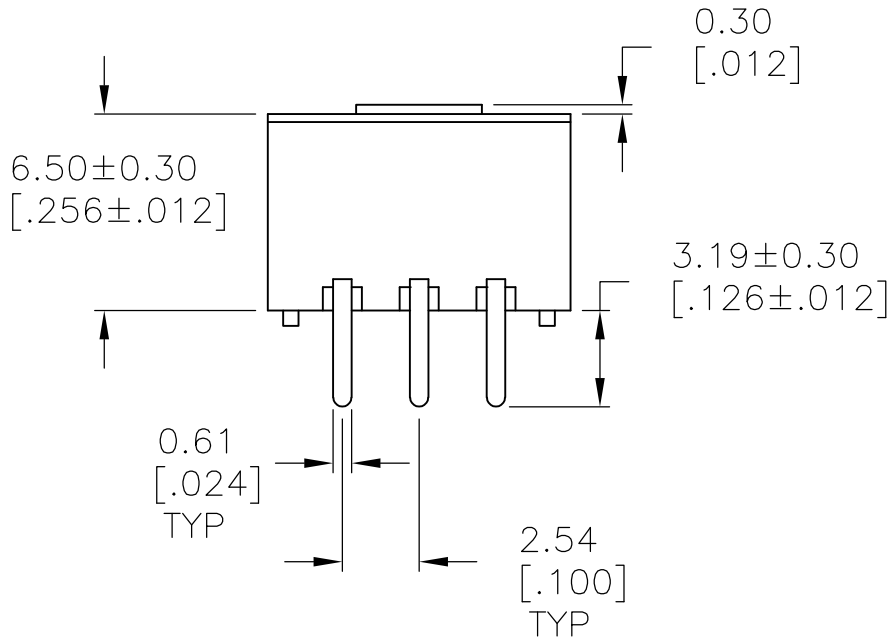
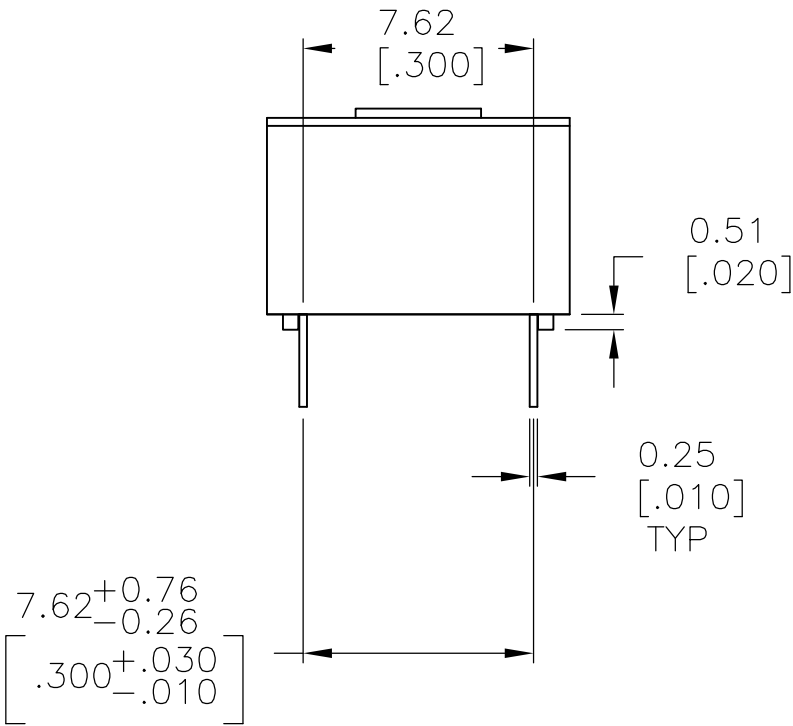
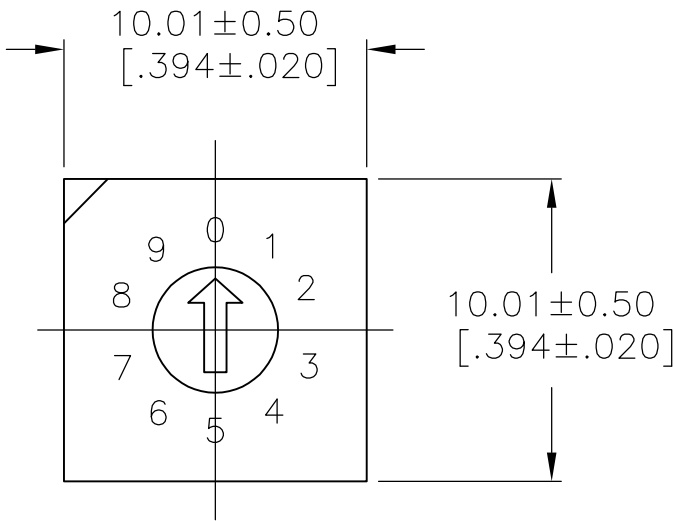
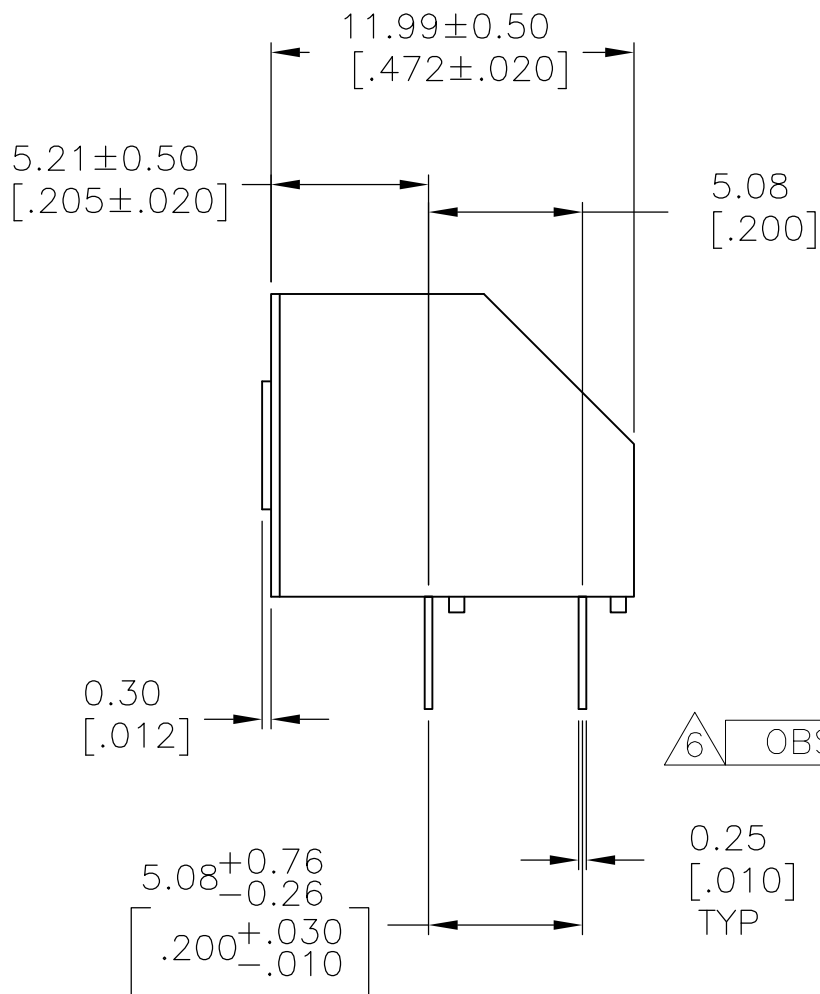
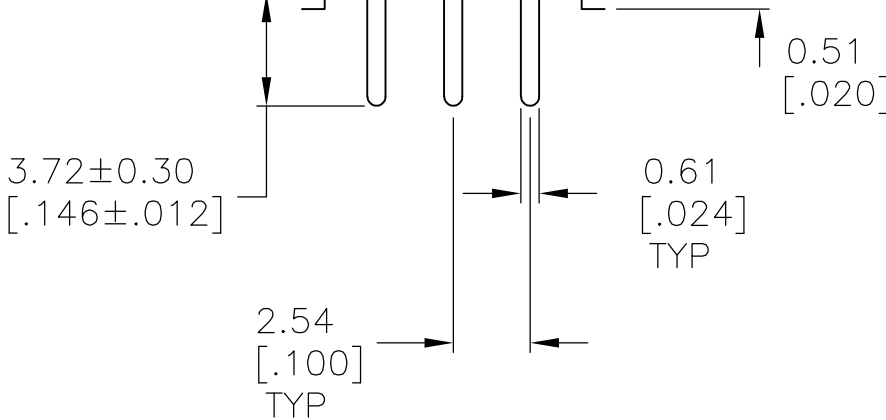
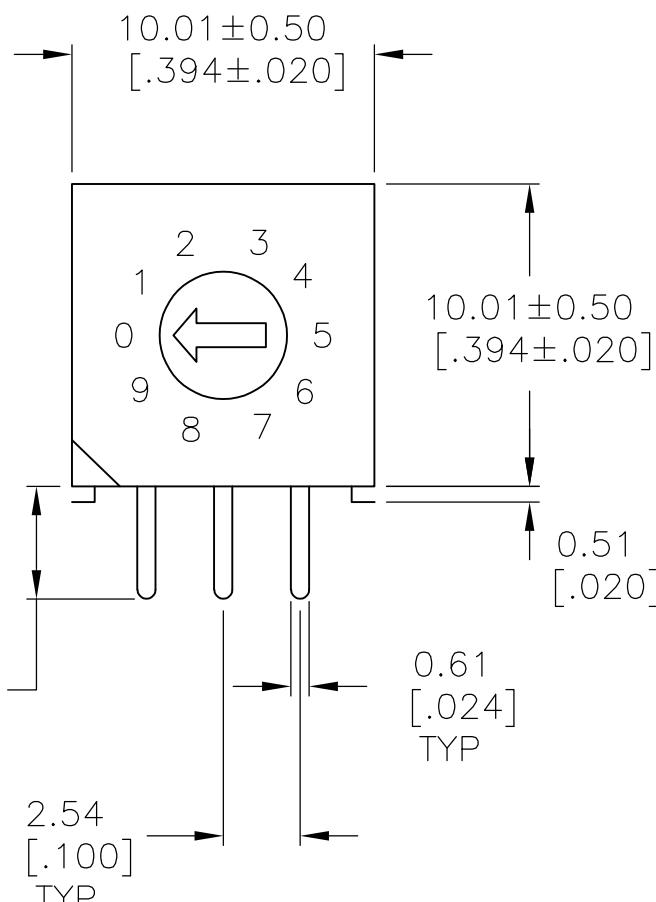


| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
| AD  | 00   |           | A   | ECO-07-03889              | 21FEB07 | MB  | MS   |
|     |      |           | A1  | REVISED PER ECO-09-024927 | 07NOV09 | KK  | AEG  |



RRD PC MOUNT



RRD RIGHT ANGLE  
PC MOUNT

SPECIFICATIONS:

MATERIAL:  
BASE AND COVER – PPS UL94V-0, BLACK  
ROTOR – NYLON PA6T UL94V-0, COLOR SEE P/N TABLE.  
MOVING CONTACT – COPPER ALLOY, GOLD FLASH OVER NICKEL.  
FIXED CONTACT – COPPER ALLOY, GOLD FLASH OVER NICKEL.  
TERMINALS – COPPER ALLOY, GOLD FLASH OVER NICKEL.

ELECTRICAL:  
CONTACT RATING – 0.4 VA @ 20 VDC OR PEAK AC.  
INITIAL CONTACT RESISTANCE – 50 MILLIOHMS MAX.  
INSULATION RESISTANCE – 1,000 MEGOHMS @ 100 VDC.  
DIELECTRIC STRENGTH – 300 VAC.  
LIFE EXPECTANCY – 10,000 ROTATIONS.

MECHANICAL:  
ACTUATION FORCE – 6 OZ.-IN. (NOM.).

ENVIRONMENTAL:  
OPERATING TEMPERATURE: -22°F TO +185°F (-30°C TO +85°C).  
STORAGE TEMPERATURE: -49°F TO +212°F (-45°C TO +100°C).  
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B.  
SOLDERABILITY PER EIA-364-52 CLASS 2, CATEGORY 1.

NOTES:

- 1

2

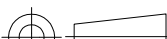
3

4

5

6
- RED ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH.  
BLACK ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH.  
ORANGE ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH.  
WHITE ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH.  
ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(ROHS).  
OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|                                     |             |                        |                |                |           |
|-------------------------------------|-------------|------------------------|----------------|----------------|-----------|
| <div><div>4</div></div>             | RIGHT ANGLE | HEXADECIMAL COMPLEMENT | 3.3k ohms      | RRD16C3.3KRA04 | 1825444-7 |
| <div><div>4</div><div>4</div></div> | PC          | HEXADECIMAL COMPLEMENT | 3.3k ohms      | RRD16C3.3K04   | 1825444-6 |
| <div><div>4</div><div>4</div></div> | RIGHT ANGLE | HEXADECIMAL COMPLEMENT | 10k ohms       | RRD16C10KRA04  | 1825444-5 |
| <div><div>4</div><div>2</div></div> | PC          | HEXADECIMAL COMPLEMENT | 10k ohms       | RRD16C10K04    | 1825444-4 |
| <div><div>2</div><div>2</div></div> | RIGHT ANGLE | HEXADECIMAL            | 10k ohms       | RRD1610KRA04   | 1825444-3 |
| <div><div>2</div><div>1</div></div> | PC          | HEXADECIMAL            | 10k ohms       | RRD1610K04     | 1825444-2 |
| <div><div>1</div></div>             | PC          | BC DECIMAL             | 10k ohms       | RRD1010K04     | 1825444-1 |
| REMARKS                             | TERMINATION | CIRCUIT TYPE           | RESISTOR VALUE | T&B P/N.       | TYCO P/N. |

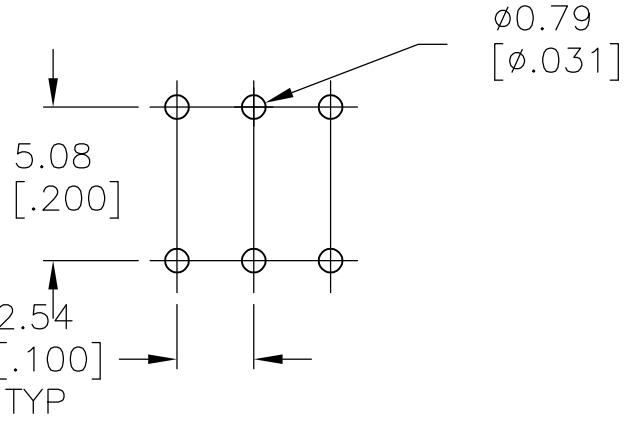
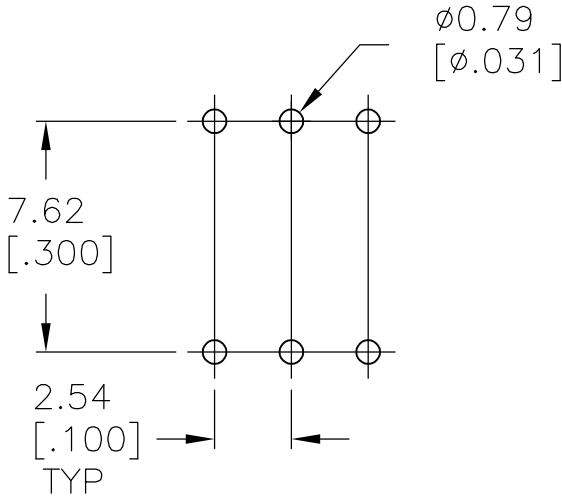
|                                                                                       |  |                       |  |              |  |                                                                                                                                                 |                    |                         |                    |
|---------------------------------------------------------------------------------------|--|-----------------------|--|--------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M.BINNER       |  | 230CT06      |  |  Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                    |                         |                    |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | CHK<br>M.SARVER       |  | 230CT06      |  |                                                                                                                                                 |                    |                         |                    |
|  |  | APVD<br>M.SARVER      |  | 230CT06      |  | NAME<br><br>RRD SERIES ROTARY<br>DIP SWITCH<br><br>—                                                                                            |                    |                         |                    |
|                                                                                       |  | PRODUCT SPEC<br>—     |  |              |  |                                                                                                                                                 |                    |                         |                    |
|                                                                                       |  | APPLICATION SPEC<br>— |  |              |  |                                                                                                                                                 |                    |                         |                    |
| MATERIAL<br><br>SEE SPECIFICATIONS                                                    |  | FINISH<br><br>—       |  | WEIGHT<br>—  |  | SIZE<br>A2                                                                                                                                      | CAGE CODE<br>00779 | DRAWING NO<br>C=1825444 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                                                                      |  |                       |  | SCALE<br>4:1 |  | SHEET<br>1 of 2                                                                                                                                 |                    | REV<br>A1               |                    |

| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN |
| AD  | 00   |           | —   | SEE SHEET 1 | —    | —   |

# TRUTH TABLES

FOR HYBRID VERSIONS (RR SERIES AND RA/C SERIES),  
COMMON BETWEEN TERMINALS 1 AND 4 IS RESISTOR  
OR DIODE COMMON.  
COMMON BETWEEN TERM 2 AND 8 IS GROUND  
(VIEWED FROM BOTTOM OF SWITCH)

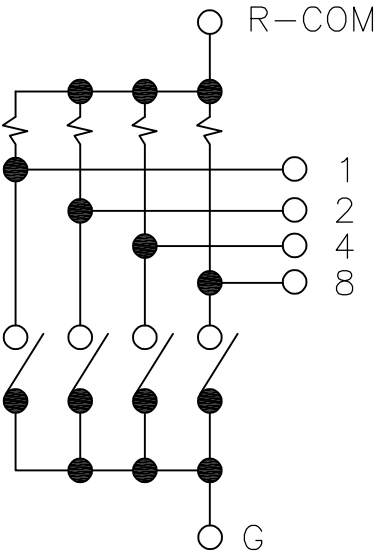
|     |       |
|-----|-------|
| 0 8 | 1 0   |
| 0 G | R-COM |
| 0 2 | 4 0   |



PC  
RIGHT ANGLE

RECOMMENDED HOLE LAYOUT  
TOLERANCE ±.002 UNLESS OTHERWISE NOTED

## RR SERIES RESISTER NETWORK INFORMATION



|             |            |            |              |
|-------------|------------|------------|--------------|
| 125mW       | 3.3k ohms  | ±5% @ 85°C | 24V          |
|             | 10k ohms   |            |              |
| RATED POWER | RESISTANCE | TOLERANCE  | MAX. VOLTAGE |

10-POSITION, BCD 1

| POS. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------|---|---|---|---|---|---|---|---|---|---|
| 0    | X | X | X | X | X | X | X | X | X | X |
| 1    |   | X |   | X |   | X |   | X |   | X |
| 2    |   |   | X | X |   | X | X |   |   |   |
| 4    |   |   |   |   | X | X | X | X |   |   |
| 8    |   |   |   |   |   |   |   |   | X | X |

16-POSITION, HEXADECIMAL 2

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

10-POSITION, BCD COMPLIMENT 3

| POS. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------|---|---|---|---|---|---|---|---|---|---|
| 0    | X | X | X | X | X | X | X | X | X | X |
| 1    | X |   | X |   | X |   | X |   | X |   |
| 2    | X | X |   |   | X | X |   |   | X | X |
| 4    | X | X | X | X |   |   |   |   | X | X |
| 8    | X | X | X | X | X | X | X | X |   |   |

16-POSITION, HEXADECIMAL COMPLIMENT 4

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm [INCHES]

MATERIAL

SEE SPECIFICATIONS

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± 0.25[.010]

3 PLC ± -

4 PLC ± -

ANGLES ± 1°

FINISH -

DWN M.BINNER 23OCT06

CHK M.SARVER 23OCT06

APVD M.SARVER 23OCT06

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

Tyco Electronics Corporation  
Harrisburg, PA 17105-3608

NAME RRD SERIES ROTARY  
DIP SWITCH

SIZE A2 CAGE CODE 00779 DRAWING NO C=1825444

RESTRICTED TO -

SCALE 4:1 SHEET 2 OF 2 REV A1

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :  
  
401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :  
  
Direct +86 (21) 6401-6692  
  
Email amall@ameya360.com  
  
QQ 800077892  
  
Skype ameyasales1 ameyasales2

➤ Customer Service :  
  
Email service@ameya360.com

➤ Partnership :  
  
Tel +86 (21) 64016692-8333  
  
Email mkt@ameya360.com