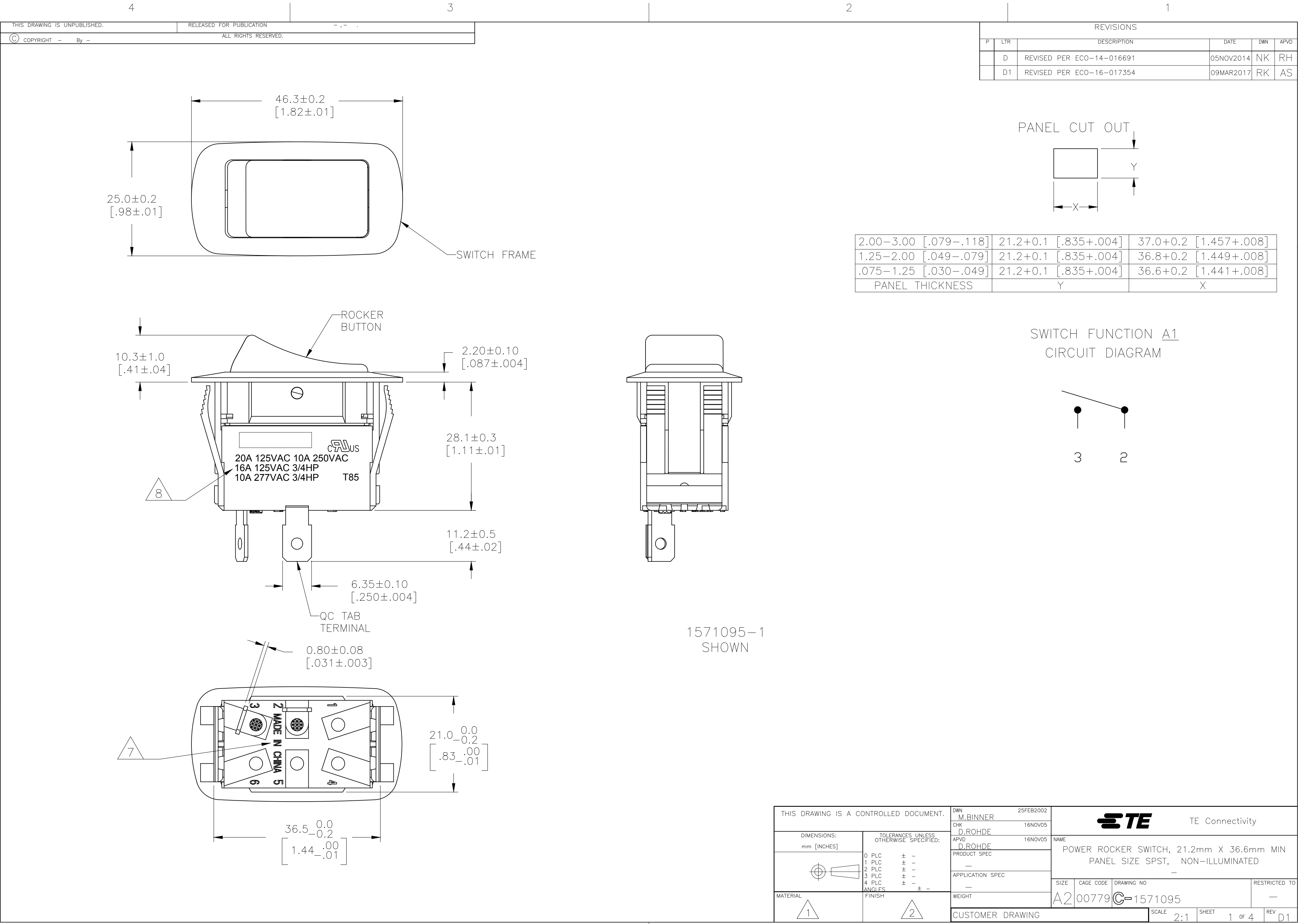
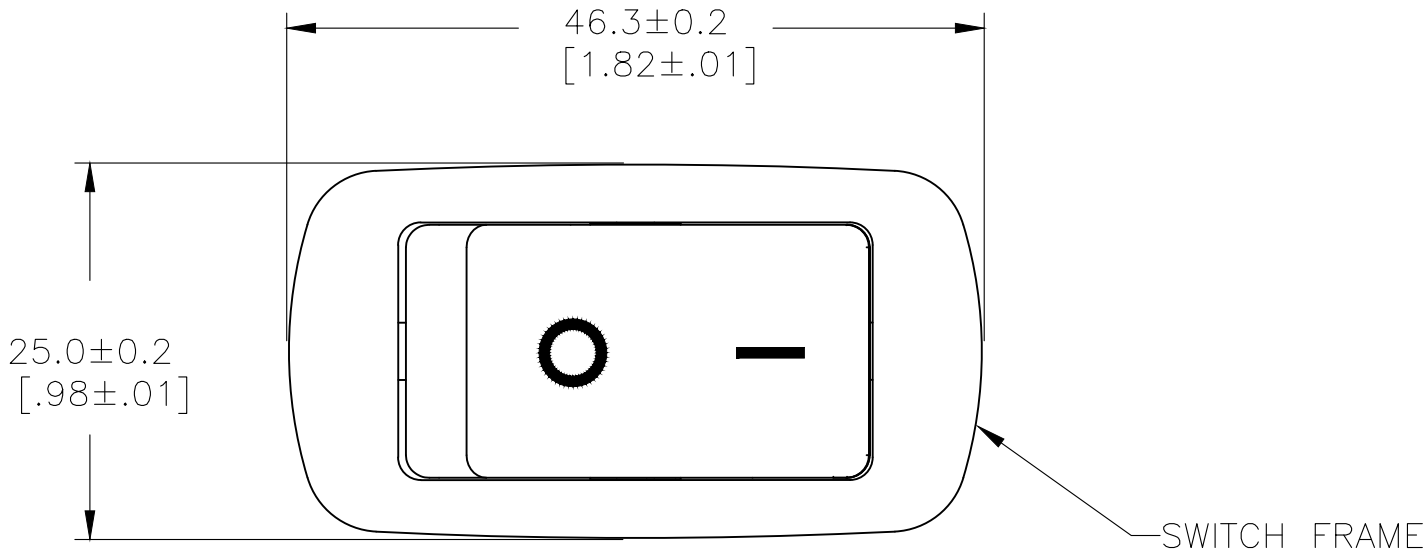
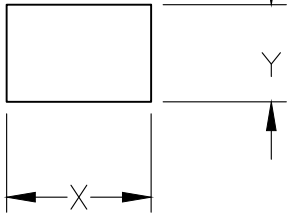




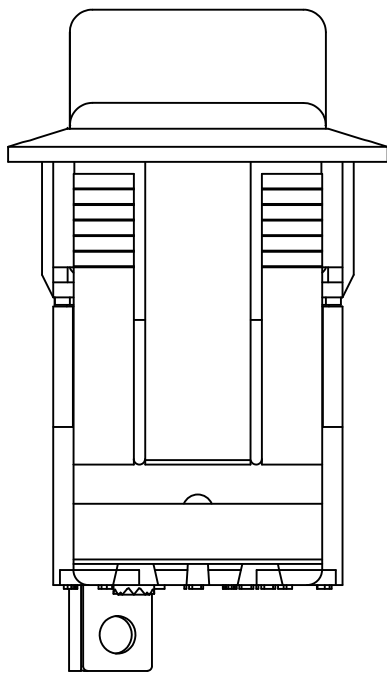
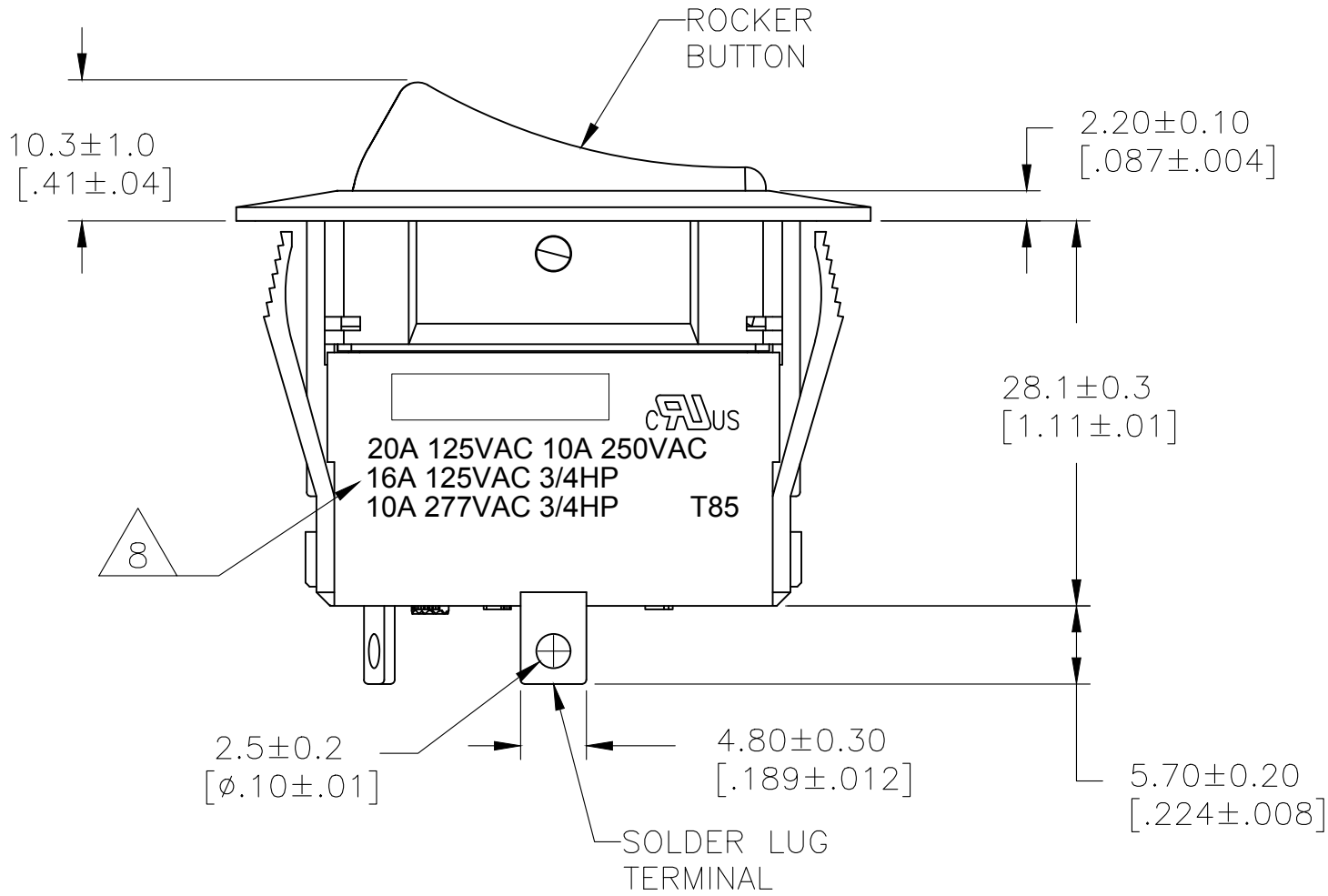
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |



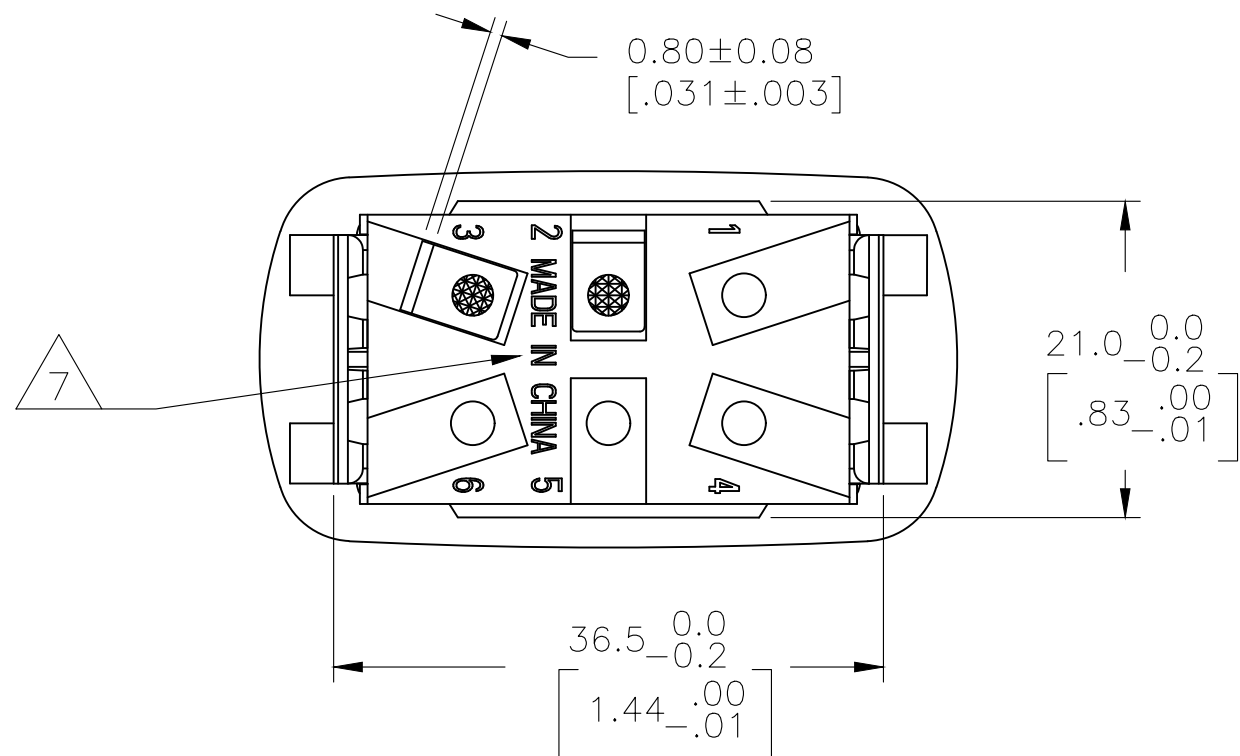
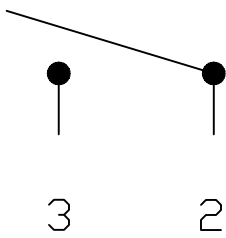
PANEL CUT OUT



|                       |                      |                       |
|-----------------------|----------------------|-----------------------|
| 2.00-3.00 [.079-.118] | 21.2+0.1 [.835+.004] | 37.0+0.2 [1.457+.008] |
| 1.25-2.00 [.049-.079] | 21.2+0.1 [.835+.004] | 36.8+0.2 [1.449+.008] |
| .075-1.25 [.030-.049] | 21.2+0.1 [.835+.004] | 36.6+0.2 [1.441+.008] |
| PANEL THICKNESS       | Y                    | X                     |



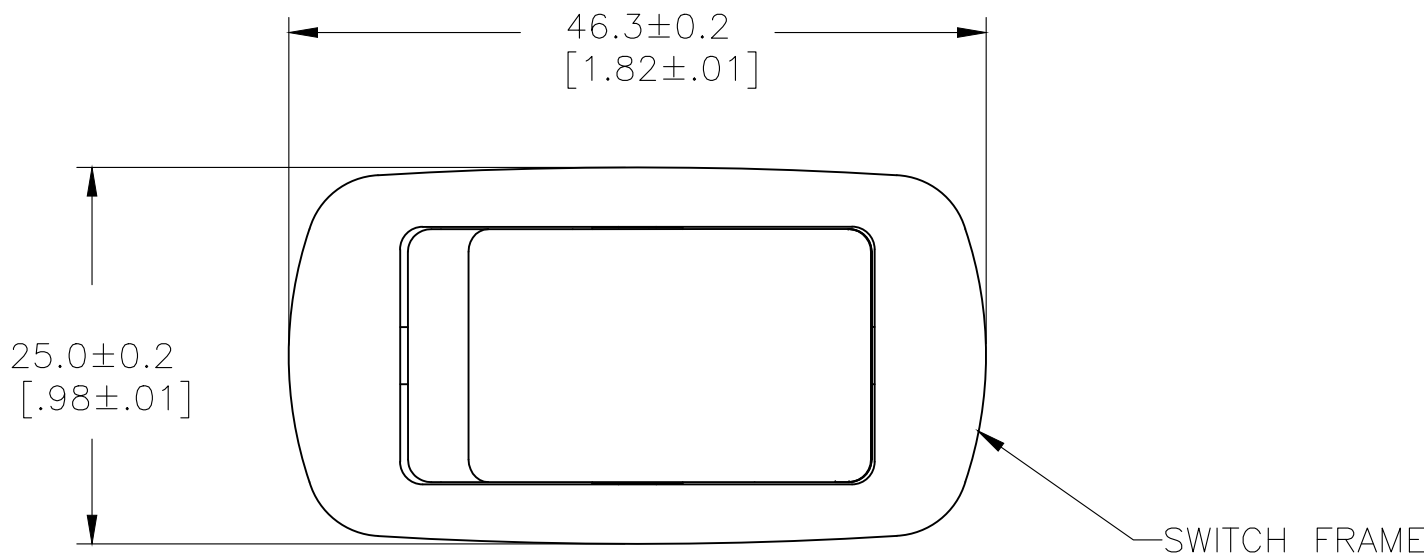
SWITCH FUNCTION A1  
CIRCUIT DIAGRAM



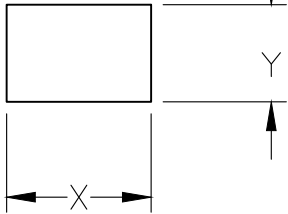
1571095-5  
SHOWN

|                                        |  |                              |                                                                                      |  |                 |           |
|----------------------------------------|--|------------------------------|--------------------------------------------------------------------------------------|--|-----------------|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>M.BINNER<br>25FEB2002 | TE Connectivity                                                                      |  |                 |           |
| DIMENSIONS:<br>mm [INCHES]             |  | CHK<br>D.ROHDE<br>16NOV05    |                                                                                      |  |                 |           |
|                                        |  | APVD<br>D.ROHDE<br>16NOV05   | NAME<br>POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN<br>PANEL SIZE SPST, NON-ILLUMINATED |  |                 |           |
|                                        |  | PRODUCT SPEC                 | SIZE<br>A2                                                                           |  |                 |           |
| MATERIAL                               |  | FINISH                       | CAGE CODE<br>00779                                                                   |  |                 |           |
| 1                                      |  | 2                            | DRAWING NO<br>C-1571095                                                              |  |                 |           |
| CUSTOMER DRAWING                       |  |                              | SCALE<br>2:1                                                                         |  | SHEET<br>2 of 4 | REV<br>D1 |

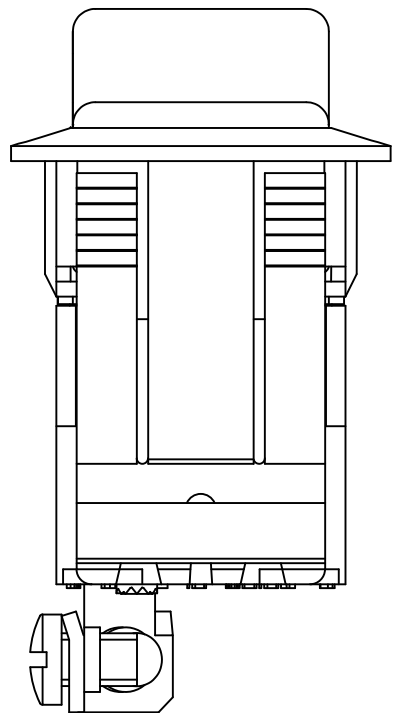
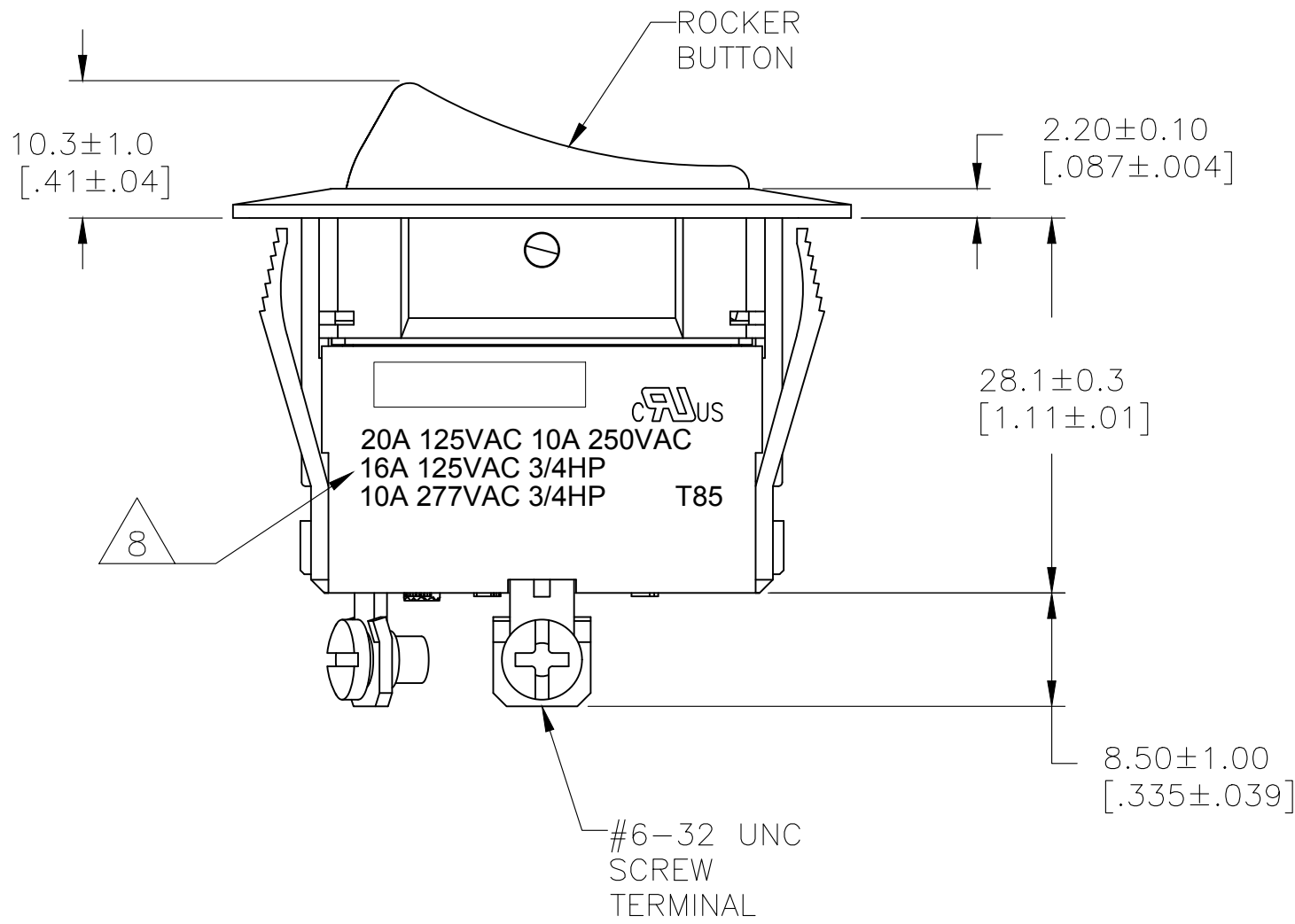
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | -   | SEE SHEET 1 | -    | -   | -    |



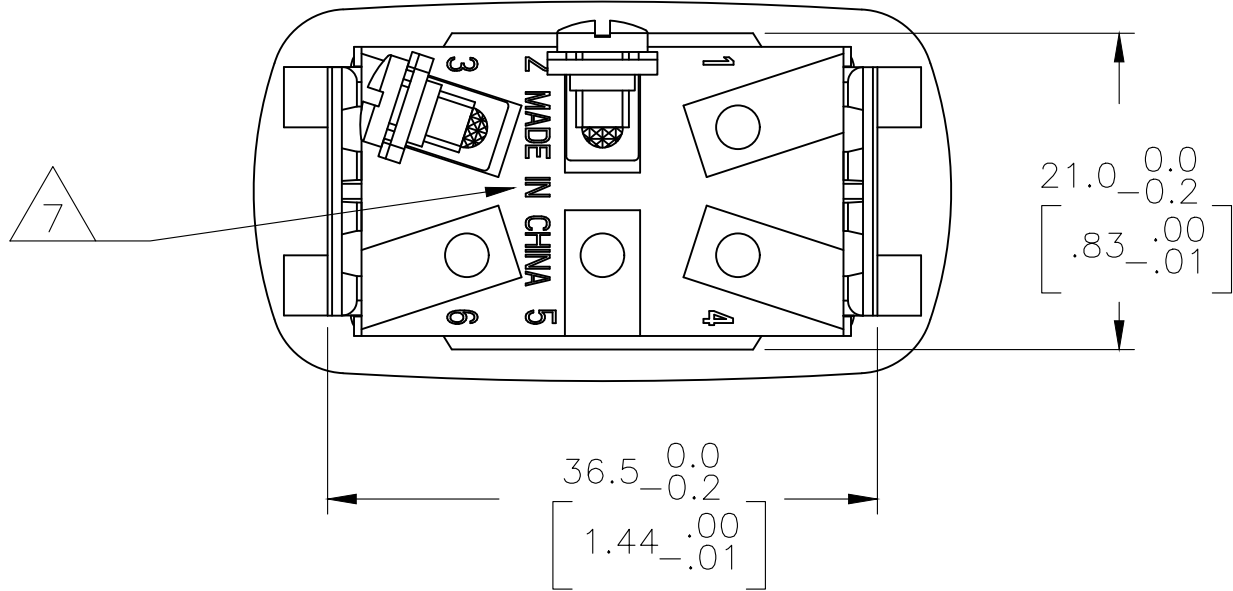
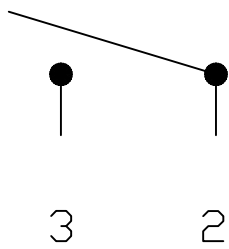
PANEL CUT OUT



|                       |                      |                       |
|-----------------------|----------------------|-----------------------|
| 2.00-3.00 [.079-.118] | 21.2+0.1 [.835+.004] | 37.0+0.2 [1.457+.008] |
| 1.25-2.00 [.049-.079] | 21.2+0.1 [.835+.004] | 36.8+0.2 [1.449+.008] |
| .075-1.25 [.030-.049] | 21.2+0.1 [.835+.004] | 36.6+0.2 [1.441+.008] |
| PANEL THICKNESS       | Y                    | X                     |



SWITCH FUNCTION A1  
CIRCUIT DIAGRAM



OBSOLETE 1571095-9  
SHOWN

|                                        |                                                                             |                              |                            |                                                                                      |                    |
|----------------------------------------|-----------------------------------------------------------------------------|------------------------------|----------------------------|--------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                             | DWN<br>M.BINNER<br>25FEB2002 | TE Connectivity            |                                                                                      |                    |
| DIMENSIONS:<br>mm [INCHES]             |                                                                             | CHK<br>D.ROHDE<br>16NOV05    |                            |                                                                                      |                    |
|                                        | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                      |                              | APVD<br>D.ROHDE<br>16NOV05 | NAME<br>POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN<br>PANEL SIZE SPST, NON-ILLUMINATED |                    |
|                                        | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |                              | PRODUCT SPEC               | SIZE<br>A2                                                                           |                    |
|                                        | MATERIAL                                                                    |                              | APPLICATION SPEC           | CAGE CODE<br>00779                                                                   |                    |
| FINISH                                 |                                                                             | WEIGHT<br>-                  | DRAWING NO<br>C-1571095    |                                                                                      | RESTRICTED TO<br>- |
| 1                                      |                                                                             | 2                            |                            | CUSTOMER DRAWING                                                                     |                    |
|                                        |                                                                             | SCALE<br>2:1                 | SHEET<br>3 of 4            | REV<br>D1                                                                            |                    |

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REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | —   | SEE SHEET 1 | —    | —   | —    |

1

MATERIALS:  
ROCKER BUTTON, FRAME & HOUSING: NYLON 66, UL 94 V-2.  
PLUNGER: PHENOLIC  
SEAL: SILICONE RUBBER  
SCREW TERMINAL, ACTIVE CONTACTOR, CONTACTOR SUPPORT: COPPER ALLOY PER ASTM B152  
QC & SOLDER TERMINAL: COPPER ALLOY PER ASTM B036  
SPRING: STEEL WIRE  
CONTACTS: SILVER-TIN OXIDE

2

FINISH:  
CONTACTOR SUPPORT, ACTIVE CONTACTOR: 1.01µm [.000040] MIN SILVER  
QC TERMINAL: 1.27µm [.000050] MIN NICKEL  
SOLDER TERMINAL: 1.27µm [.000050] MIN TIN

3

ELECTRICAL SPECIFICATIONS:  
CURRENT AND VOLTAGE: 

6

  
CONTACT RESISTANCE (INITIAL): <50mΩ  
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE  
INSULATION RESISTANCE (INITIAL): >100MΩ MIN (500VDC BETWEEN OPEN CONTACTS)  
ELECTRICAL LIFE ENDURANCE: >6000 OPERATIONS, VOLTAGE DROP: <100mV  
TEMPERATURE RISE AT TERMINALS: <30°C, 6000 OPERATIONS  
(AMBIENT CONDITIONS: 25±2°C AND 65±5%R.H)

4

MECHANICAL SPECIFICATIONS:  
ACTUATING FORCE: 400g MIN, 1200g MAX  
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS  
TERMINAL RETENTION FORCE: >9kg- SOLDER LUG  
>9kg- QC TAB  
>6.8kg- #6-32 SCREW

5

ENVIRONMENTAL SPECIFICATIONS:  
AMBIENT TEMPERATURE: -20°C TO +85°C  
DEGREE OF PROTECTION: IP66

6

20A 125VAC, 10A 250VAC/16A 125VAC, 3/4HP/ 10A 277VAC, 3/4HP

7

COUNTRY OF ORIGIN AND TERMINAL IDENTIFICATION NUMBERS  
MOLDED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

8

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS AND THE TE CONNECTIVITY LOGO LASER MARKED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

9

COMPONENT RECOGNIZED TO US & CANADIAN STANDARDS,  
UL FILE NO. E46765.

10

ROHS 2002/95/EC COMPLIANT

ALCOSWITCH PART NUMBER

X<sub>1</sub>X<sub>2</sub>

X<sub>3</sub>

X<sub>4</sub>

X<sub>5</sub>X<sub>6</sub>

X<sub>7</sub>X<sub>8</sub>

X<sub>9</sub>

X<sub>10</sub>X<sub>11</sub>

X<sub>12</sub>

X<sub>13</sub>

X<sub>14</sub>

SWITCH TYPE: X<sub>1</sub>X<sub>2</sub> = PR - POWER ROCKER

SECONDARY ROCKER COLOR: X<sub>12</sub> = Ø - NOT APPLICABLE

PANEL CUT OUT SIZE: X<sub>3</sub> = C - 21.2x36.6 MIN  
[.835x1.441]

NUMBER OF POLES: X<sub>4</sub> = S - SINGLE

SWITCH FUNCTION: X<sub>5</sub>X<sub>6</sub> =  
A1-ON-OFF, WITH OPAQUE, SINGLE-COLOR  
ROCKER BUTTON.

LEGEND TEXT PATTERN: X<sub>13</sub> =  

Ø

A

B

C

CURRENT RATING: X<sub>7</sub>X<sub>8</sub> = 20 - 

6

LEGEND TEXT COLOR: X<sub>14</sub> = Ø - NOT APPLICABLE  
G - GREEN  
R - RED  
B - BLACK  
W - WHITE

TERMINAL TYPE: X<sub>9</sub> = E - QC TAB  
L - SOLDER LUG  
S - #6-32 UNC SCREW

FRAME COLOR: X<sub>10</sub> = B - BLACK  
W - WHITE

ROCKER COLOR: X<sub>11</sub> = B - BLACK  
G - GREEN  
R - RED  
W - WHITE  
Y - YELLOW

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
M.BINNER  
25FEB2002

CHK  
D.ROHDE  
16NOV05

APVD  
D.ROHDE  
16NOV05

DIMENSIONS:  
mm [INCHES]

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL

1

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

FINISH

2

WEIGHT

—

CUSTOMER DRAWING

SCALE  
2:1

SHEET  
4 OF 4

REV  
D1

OBSOLETE

OBSOLETE

|           |                        |             |
|-----------|------------------------|-------------|
| 3         | PRCSA1-20S-BB0CW       | 1-1571095-1 |
| 3         | PRCSA1-20S-BB0BW       | 1-1571095-0 |
| 3         | PRCSA1-20S-BB000       | 1571095-9   |
| 2         | PRCSA1-20L-BR000       | 1571095-8   |
| 1         | PRCSA1-20F-BR000       | 1571095-7   |
| 2         | PRCSA1-20L-BB0CW       | 1571095-6   |
| 2         | PRCSA1-20L-BB0BW       | 1571095-5   |
| 2         | PRCSA1-20L-BB000       | 1571095-4   |
| 1         | PRCSA1-20F-BB0CW       | 1571095-3   |
| 1         | PRCSA1-20F-BB0BW       | 1571095-2   |
| 1         | PRCSA1-20F-BB000       | 1571095-1   |
| SHEET REF | ALCOSWITCH PART NUMBER | PART NUMBER |

TE

TE Connectivity

POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN  
PANEL SIZE SPST, NON-ILLUMINATED

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-1571095

RESTRICTED TO  
—

1471-9 (1/15)

1571095

1

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

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