

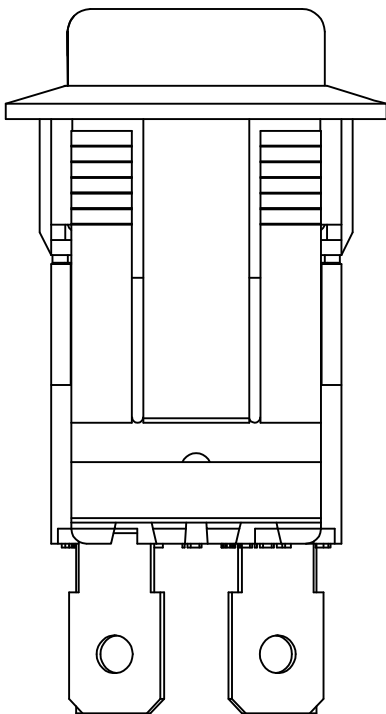
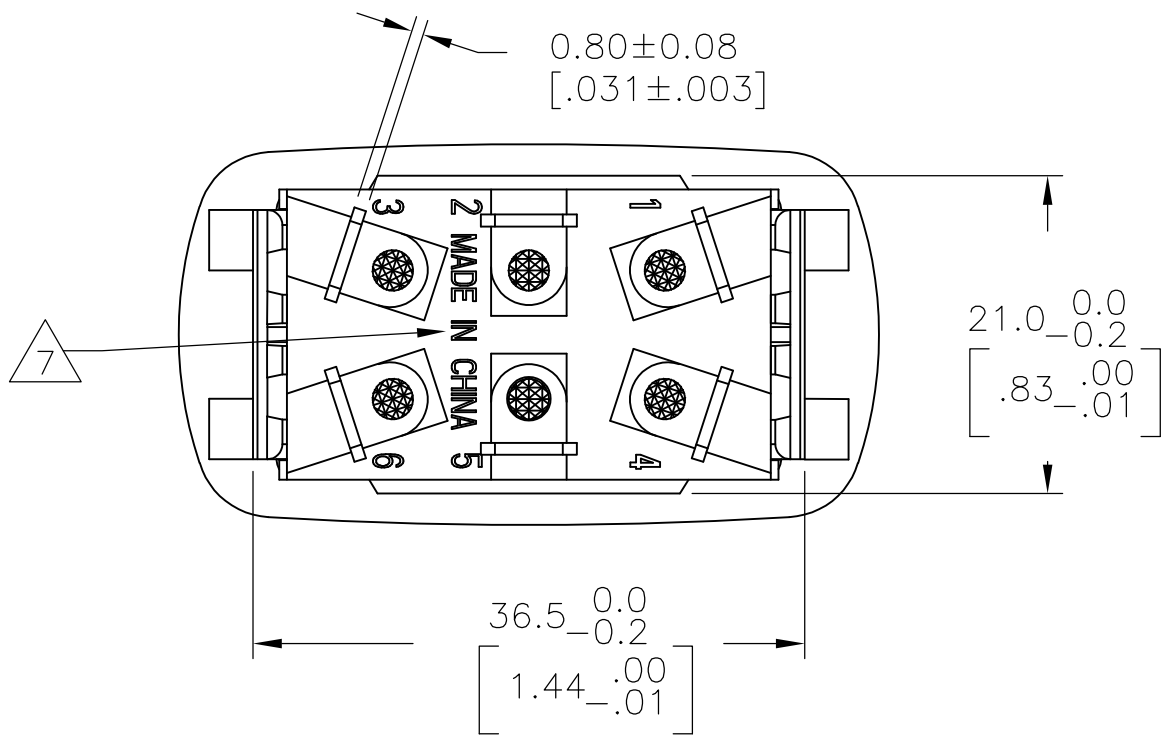
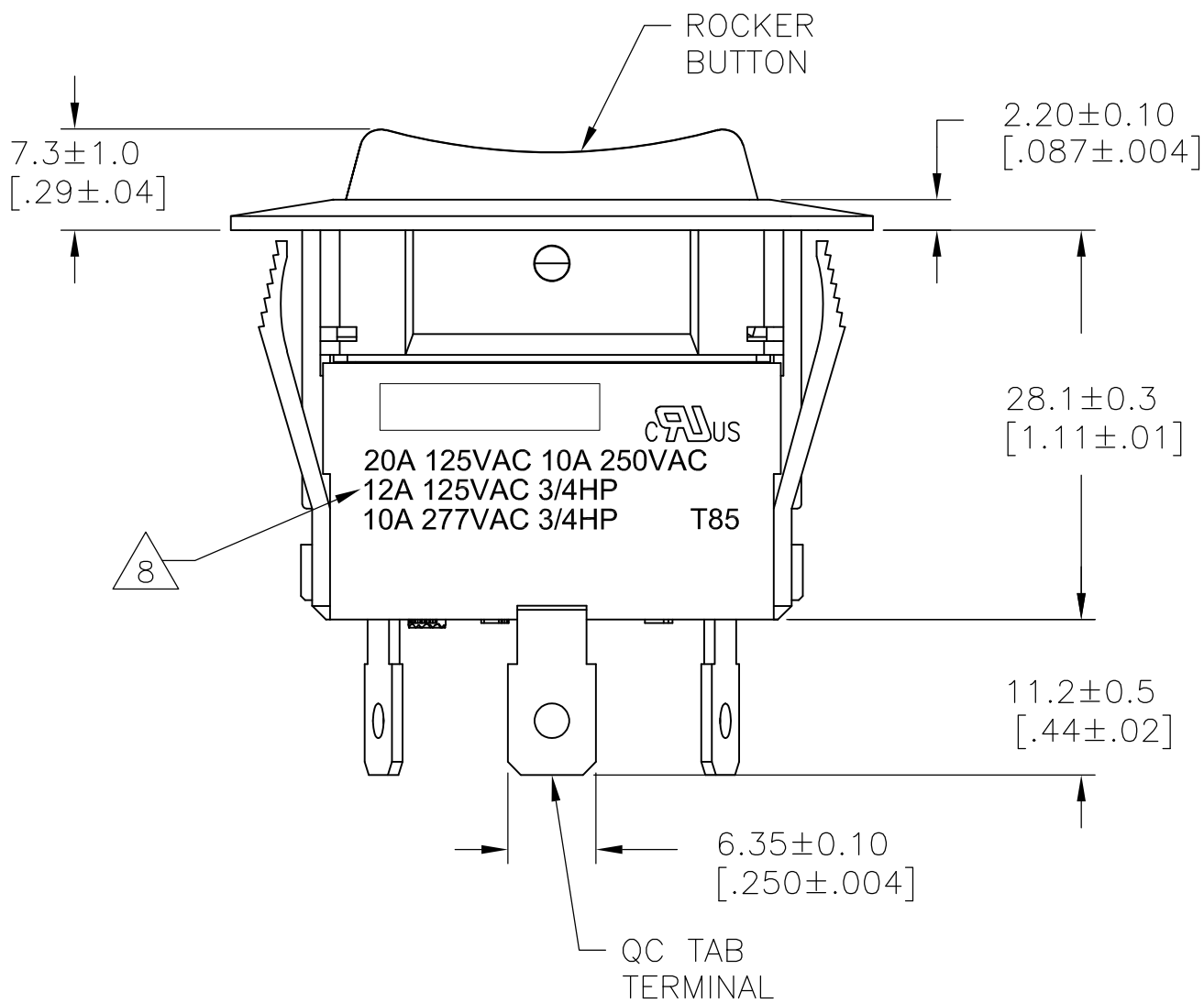
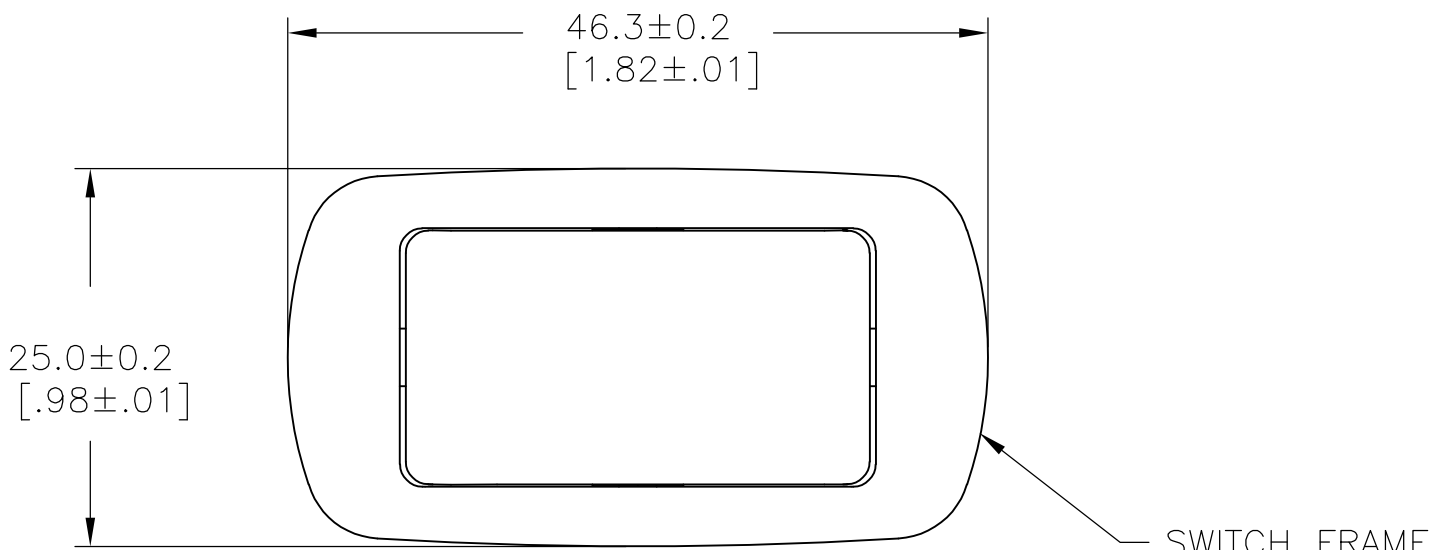
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| AD  | 00   | P         | LTR | DESCRIPTION               | DATE    | APVD |
|     |      |           | C3  | REVISED PER ECO-10-006305 | 25MAR10 | HMR  |

D

C

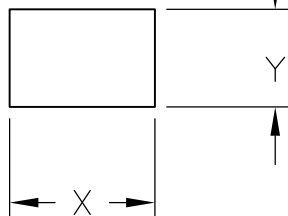
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A



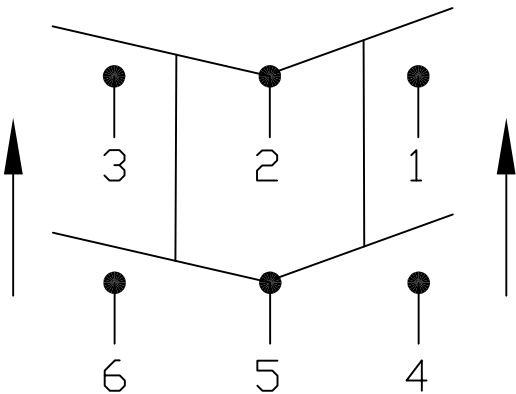
1571099-7  
SHOWN

PANEL CUT OUT

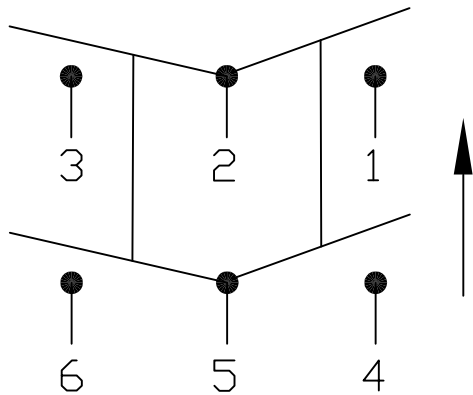


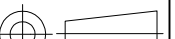
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| 2.00-3.00       | [.079-.118] | 21.2+0.1 | [.835+.004] | 37.0+0.2 | [1.457+.008] |
| 1.25-2.00       | [.049-.079] | 21.2+0.1 | [.835+.004] | 36.8+0.2 | [1.449+.008] |
| .075-1.25       | [.030-.049] | 21.2+0.1 | [.835+.004] | 36.6+0.2 | [1.441+.008]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

SWITCH FUNCTION D5  
CIRCUIT DIAGRAM



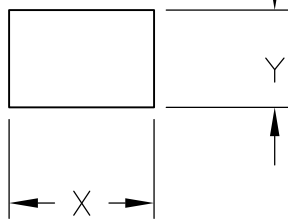
SWITCH FUNCTION D4  
CIRCUIT DIAGRAM



|                                                                                                   |                                                                                                                       |                              |  |                                                                                                                                                 |                    |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |                                                                                                                       | DWN<br>M.BINNER<br>25FEB2002 |  |  Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                    |
| DIMENSIONS:<br>mm [INCHES]                                                                        |                                                                                                                       | CHK<br>D.ROHDE<br>16NOV05    |  |                                                                                                                                                 |                    |
|              | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - | APVD<br>D.ROHDE<br>16NOV05   |  | NAME                                                                                                                                            |                    |
|                                                                                                   |                                                                                                                       | PRODUCT SPEC                 |  | POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN<br>PANEL CUT-OUT SIZE<br>DOUBLE POLE, DOUBLE THROW, NON-ILLUMINATED                                    |                    |
|                                                                                                   |                                                                                                                       | APPLICATION SPEC             |  | RESTRICTED TO                                                                                                                                   |                    |
| MATERIAL<br> | FINISH<br>                       | WEIGHT<br>-                  |  | SIZE<br>A2                                                                                                                                      | CAGE CODE<br>00779 |
|                                                                                                   |                                                                                                                       |                              |  | DRAWING NO<br>C=1571099                                                                                                                         |                    |
| CUSTOMER DRAWING                                                                                  |                                                                                                                       |                              |  | SCALE<br>2:1                                                                                                                                    | SHEET<br>1 of 4    |
|                                                                                                   |                                                                                                                       |                              |  | REV<br>C3                                                                                                                                       |                    |

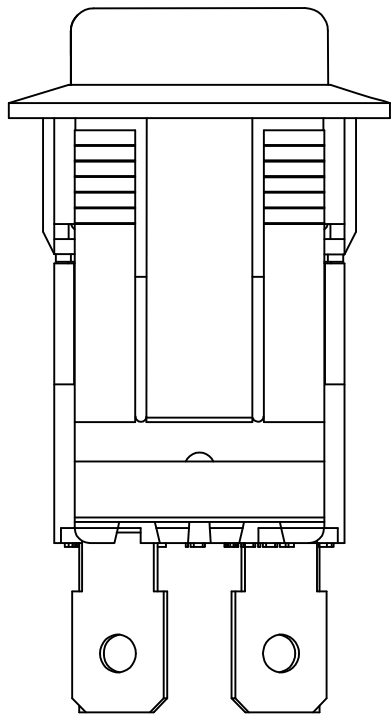
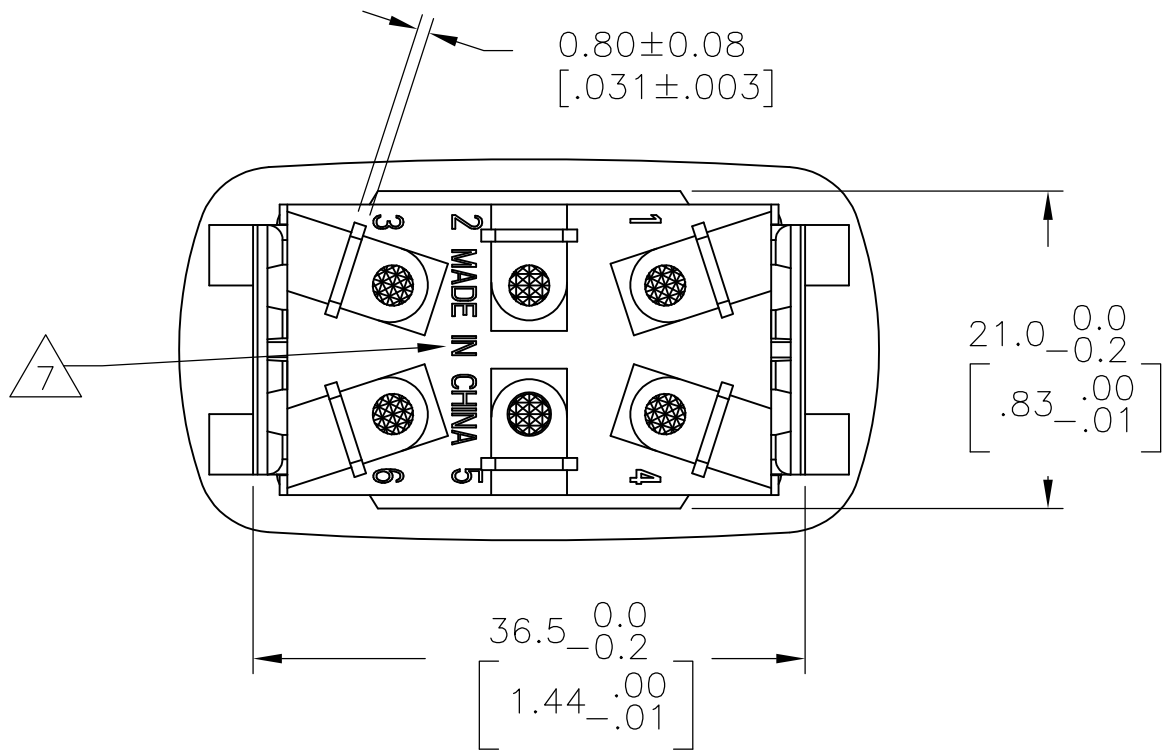
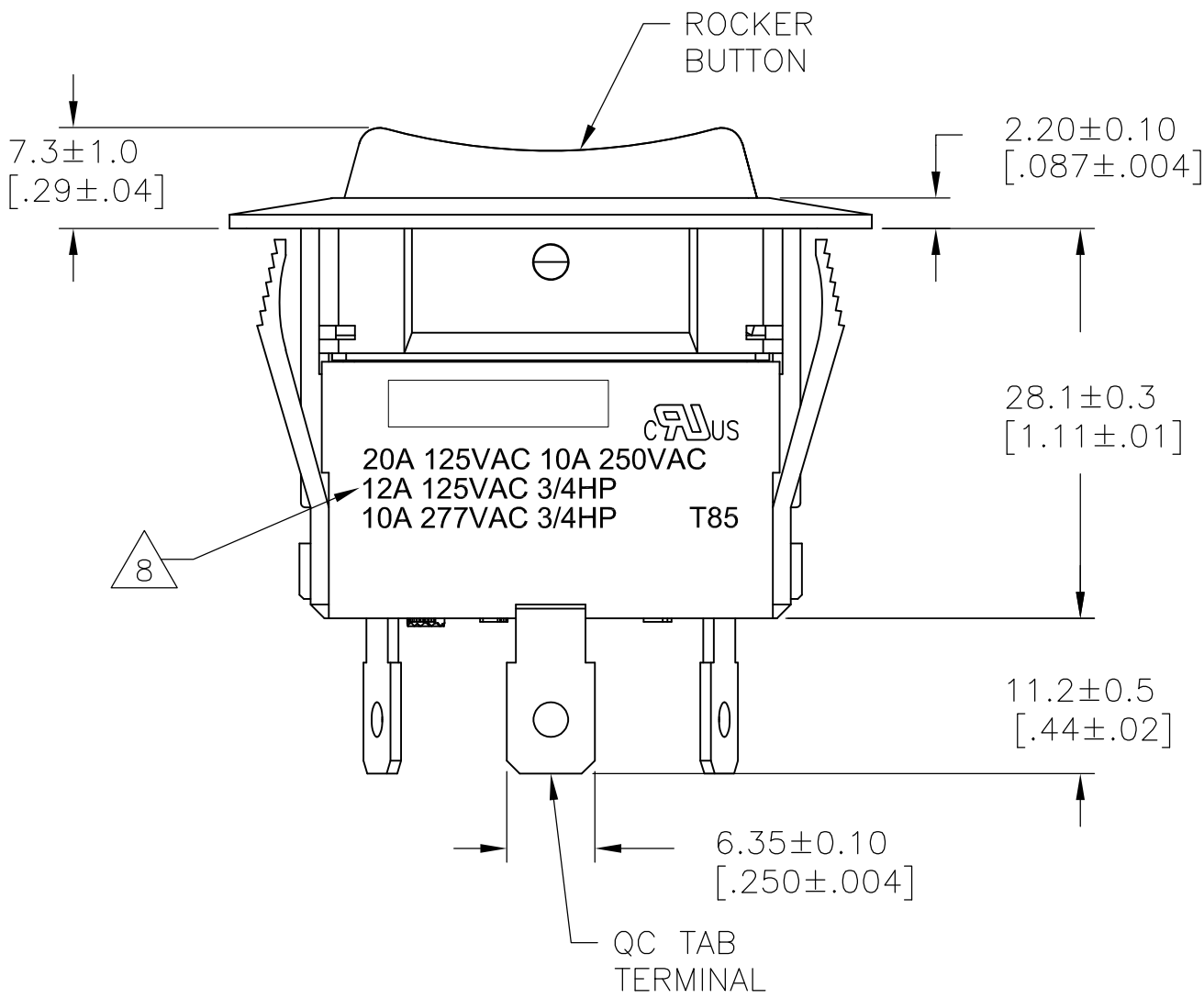
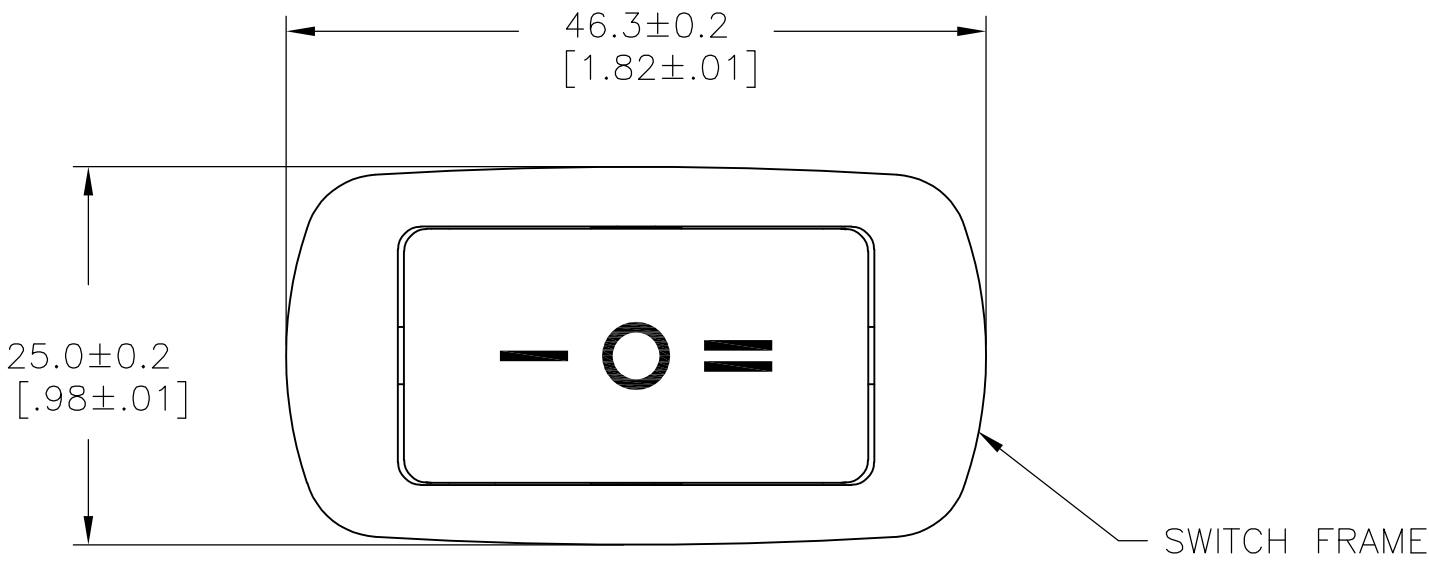
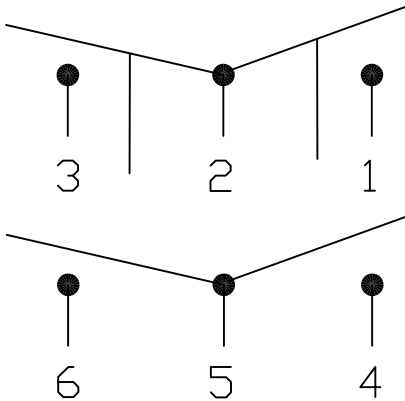
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|-----|------|-----------|-----|-------------|------|------|
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | APVD |
|     |      | —         | —   | SEE SHEET 1 | —    | —    |

PANEL CUT OUT

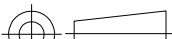


|                 |             |          |             |          |              |
|-----------------|-------------|----------|-------------|----------|--------------|
| 2.00–3.00       | [.079–.118] | 21.2+0.1 | [.835+.004] | 37.0+0.2 | [1.457+.008] |
| 1.25–2.00       | [.049–.079] | 21.2+0.1 | [.835+.004] | 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 D3  
CIRCUIT DIAGRAM



1571099–5  
SHOWN

|                                                                                                   |                                                                                                 |                                           |                            |                                                                                                                                                 |            |                                                                                                                          |                         |                    |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------|
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| DIMENSIONS:<br>mm [INCHES]                                                                        |                                                                                                 | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                            | CHK<br>D.ROHDE<br>16NOV05                                                                                                                       |            | NAME<br><br>POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN<br>PANEL CUT-OUT SIZE<br>DOUBLE POLE, DOUBLE THROW, NON-ILLUMINATED |                         |                    |
|              | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± -                     |                                           | APVD<br>D.ROHDE<br>16NOV05 |                                                                                                                                                 |            |                                                                                                                          |                         |                    |
|                                                                                                   | PRODUCT SPEC<br>—                                                                               |                                           | APPLICATION SPEC<br>—      |                                                                                                                                                 |            |                                                                                                                          |                         |                    |
| MATERIAL<br> | FINISH<br> |                                           | WEIGHT<br>—                |                                                                                                                                                 | SIZE<br>A2 | CAGE CODE<br>00779                                                                                                       | DRAWING NO<br>C=1571099 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                                                                                  |                                                                                                 |                                           |                            |                                                                                                                                                 |            | SCALE<br>2:1                                                                                                             | SHEET<br>2 of 4         | REV<br>C3          |

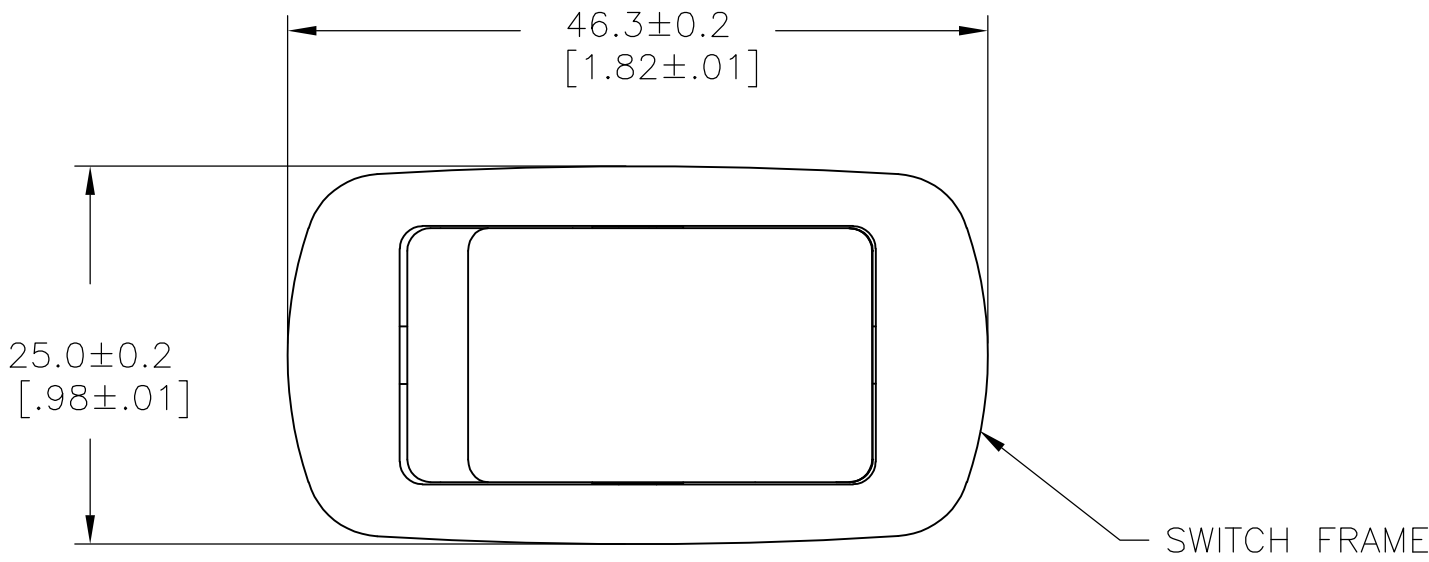
THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

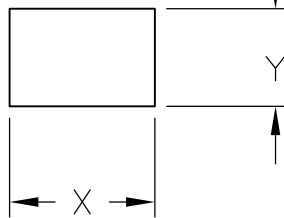
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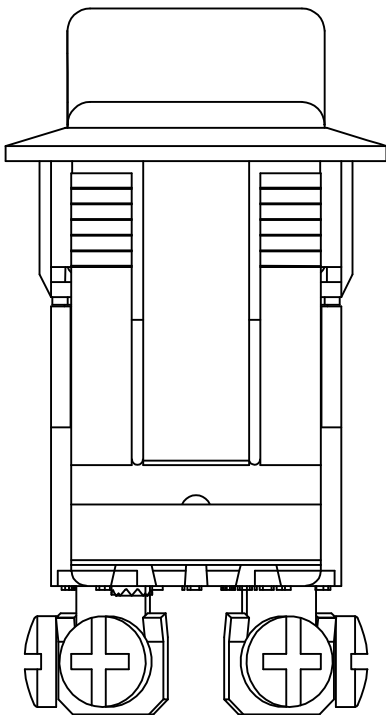
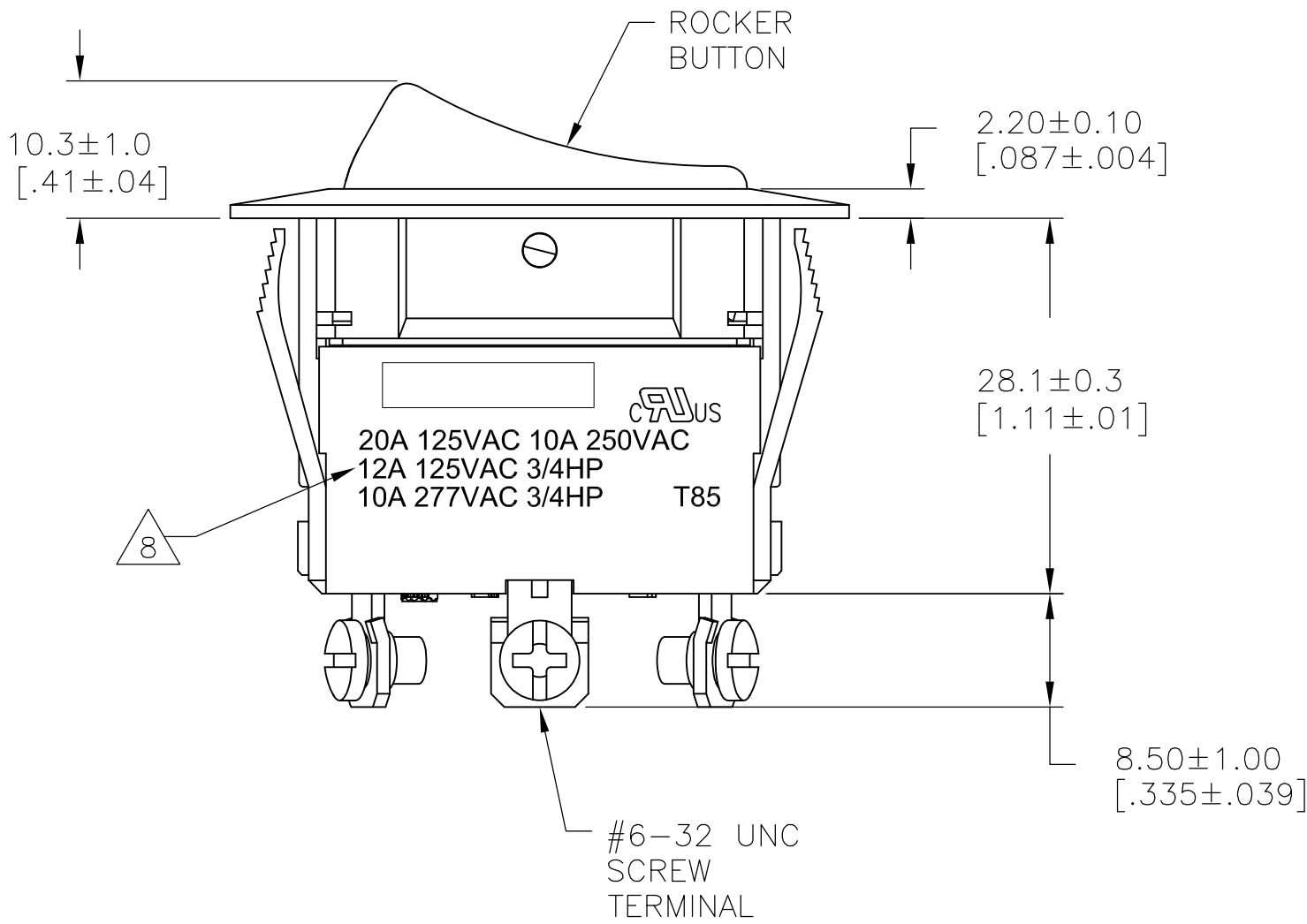
| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | DWN |
|     |      |           |     | SEE SHEET 1 |      |     |



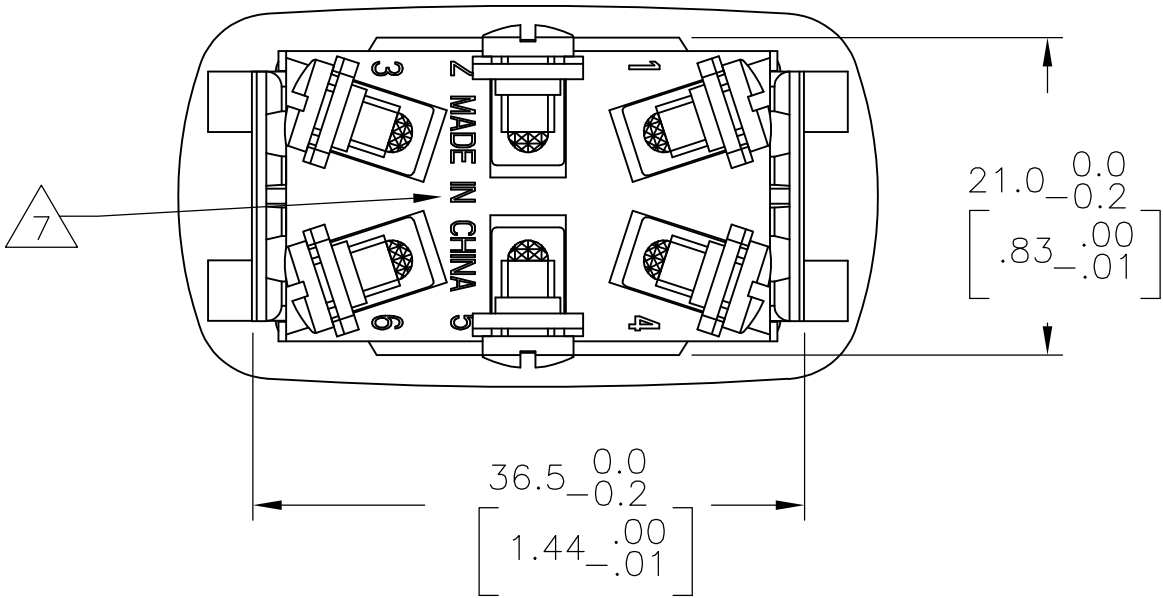
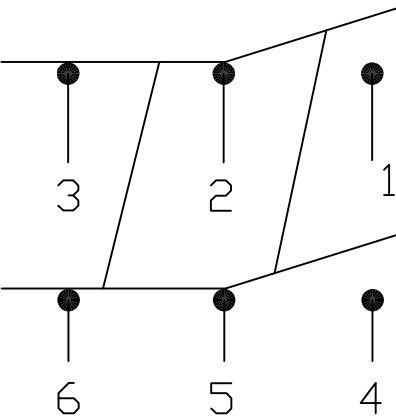
PANEL CUT OUT



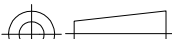
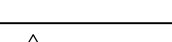
|                       |                      |                       |
|-----------------------|----------------------|-----------------------|
| 2.00–3.00 [.079–.118] | 21.2+0.1 [.835+.004] | 37.0+0.2 [1.457+.008] |
| 1.25–2.00 [.049–.079] | 21.2+0.1 [.835+.004] | 36.8+0.2 [1.449+.008] |
| .075–1.25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



SWITCH FUNCTION D1  
CIRCUIT DIAGRAM



1–1571099–0  
SHOWN

|                                                                                       |            |                                           |                  |                                                                                                                                                 |                                                                                                              |      |               |        |  |
|---------------------------------------------------------------------------------------|------------|-------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------|---------------|--------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |            | DWN<br>M.BINNER<br>25FEB2002              |                  |  Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                                                                                                              |      |               |        |  |
|                                                                                       |            | CHK<br>D.ROHDE<br>16NOV05                 |                  |                                                                                                                                                 |                                                                                                              |      |               |        |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |            | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                  | APVD<br>D.ROHDE<br>16NOV05                                                                                                                      |                                                                                                              | NAME |               |        |  |
|  | 0 PLC ± -  |                                           | PRODUCT SPEC     |                                                                                                                                                 | POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN<br>PANEL CUT-OUT SIZE<br>DOUBLE POLE, DOUBLE THROW, NON-ILLUMINATED |      |               |        |  |
|                                                                                       | 1 PLC ± -  |                                           | —                |                                                                                                                                                 |                                                                                                              |      |               |        |  |
|                                                                                       | 2 PLC ± -  |                                           | APPLICATION SPEC |                                                                                                                                                 |                                                                                                              |      |               |        |  |
|                                                                                       | 3 PLC ± -  |                                           | —                |                                                                                                                                                 |                                                                                                              |      |               |        |  |
|  | 4 PLC ± -  |                                           | —                |                                                                                                                                                 | SIZE                                                                                                         |      | RESTRICTED TO |        |  |
|                                                                                       | ANGLES ± - |                                           | WEIGHT -         |                                                                                                                                                 | CAGE CODE                                                                                                    |      | DRAWING NO    |        |  |
|                                                                                       | FINISH     |                                           | CUSTOMER DRAWING |                                                                                                                                                 | A2 00779                                                                                                     |      | C=1571099     |        |  |
|                                                                                       | 1          |                                           | 2                |                                                                                                                                                 | SCALE                                                                                                        |      | SHEET         |        |  |
|                                                                                       |            |                                           |                  |                                                                                                                                                 |                                                                                                              | 2:1  |               | 3 of 4 |  |
|                                                                                       |            |                                           |                  |                                                                                                                                                 |                                                                                                              |      |               | REV    |  |
|                                                                                       |            |                                           |                  |                                                                                                                                                 |                                                                                                              |      |               | C3     |  |

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

AD

00

—

—

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: 1100g MIN, 3000g 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: IP 66

6

20A 125VAC, 10A 250VAC/12A 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 TYCO ELECTRONICS LOGO INK 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

LEGACY PART NUMBER

X1X2X3X4X5X6

X7X8X9

X10X11X12X13X14

SWITCH TYPE: X1X2 = PR - POWER ROCKER

SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

LEGEND TEXT PATTERN: X13 =  
Ø  
D E F G  
- = I II - O = I O II

LEGEND TEXT COLOR: X14 = Ø - NOT APPLICABLE  
G - GREEN  
R - RED  
B - BLACK  
W - WHITE

CURRENT RATING: X7X8 = 20 - 6

TERMINAL TYPE: X9 = F - QC TAB  
L - SOLDER LUG  
S - #6-32 UNC SCREW

FRAME COLOR: X10 = B - BLACK  
W - WHITE

ROCKER COLOR: X11 = B - BLACK  
G - GREEN  
R - RED  
W - WHITE  
Y - YELLOW

|           |                        |                  |
|-----------|------------------------|------------------|
| 1         | PRCDD5-20F-BB000       | 1-1571099-3      |
| 3         | PRCDD1-20S-BB0EW       | 1-1571099-2      |
| 3         | PRCDD1-20S-BB0DW       | 1-1571099-1      |
| 3         | PRCDD1-20S-BB000       | 1-1571099-0      |
| 1         | PRCDD4-20F-BB0GW       | 1571099-9        |
| 1         | PRCDD4-20F-BB0FW       | 1571099-8        |
| 1         | PRCDD4-20F-BB000       | 1571099-7        |
| 2         | PRCDD3-20F-BB0GW       | 1571099-6        |
| 2         | PRCDD3-20F-BB0FW       | 1571099-5        |
| 2         | PRCDD3-20F-BB000       | 1571099-4        |
| 2         | PRCDD1-20F-BB0EW       | 1571099-3        |
| 2         | PRCDD1-20F-BB0DW       | 1571099-2        |
| 2         | PRCDD1-20F-BB000       | 1571099-1        |
| SHEET REF | ALCOSWITCH PART NUMBER | TYCO PART NUMBER |

|                                        |                                        |                              |                                                           |                    |                         |                    |
|----------------------------------------|----------------------------------------|------------------------------|-----------------------------------------------------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>M.BINNER<br>25FEB2002 | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                    |                         |                    |
| DIMENSIONS:<br>mm [INCHES]             | TOLERANCES UNLESS OTHERWISE SPECIFIED: | CHK<br>D.ROHDE<br>16NOV05    | NAME                                                      |                    |                         |                    |
|                                        | 0 PLC ± -                              | APVD<br>D.ROHDE<br>16NOV05   | POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN                  |                    |                         |                    |
|                                        | 1 PLC ± -                              | PRODUCT SPEC                 | PANEL CUT-OUT SIZE                                        |                    |                         |                    |
|                                        | 2 PLC ± -                              | APPLICATION SPEC             | DOUBLE POLE, DOUBLE THROW, NON-ILLUMINATED                |                    |                         |                    |
| MATERIAL 1                             | FINISH 2                               | WEIGHT -                     | SIZE<br>A2                                                | CAGE CODE<br>00779 | DRAWING NO<br>C=1571099 | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                       |                                        |                              | SCALE<br>2:1                                              | SHEET<br>4 of 4    | REV<br>C3               |                    |

AMP 3307-7 REV 31MAR2000

1571099

## 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)

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