

4

3

2

1

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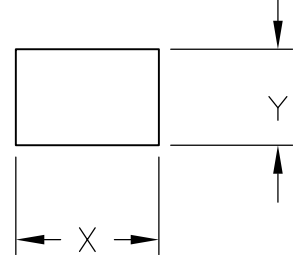
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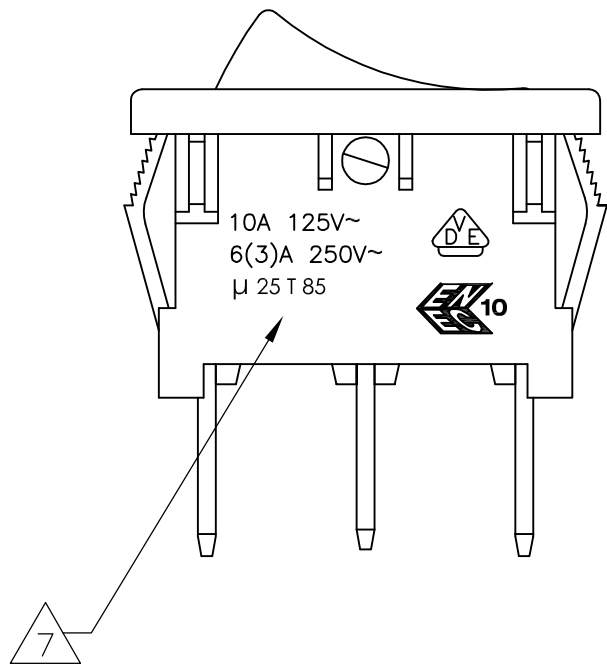
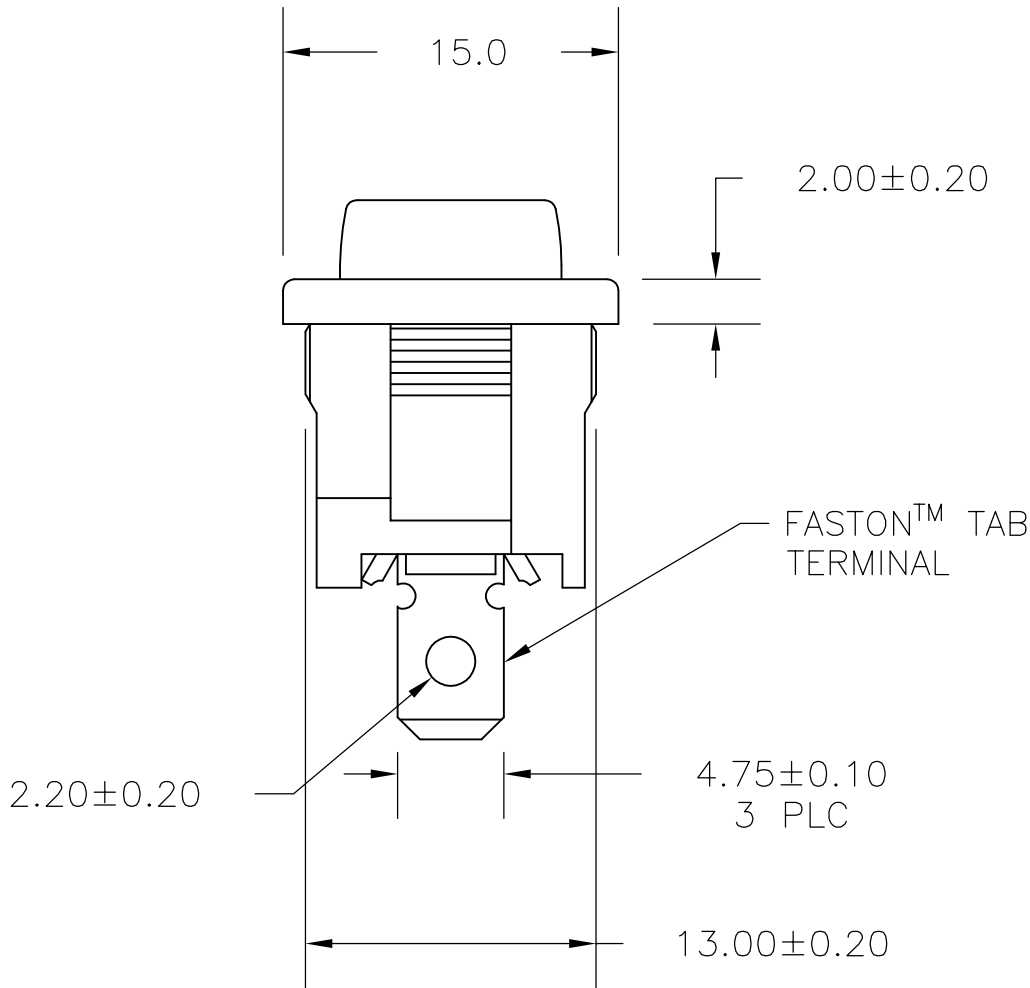
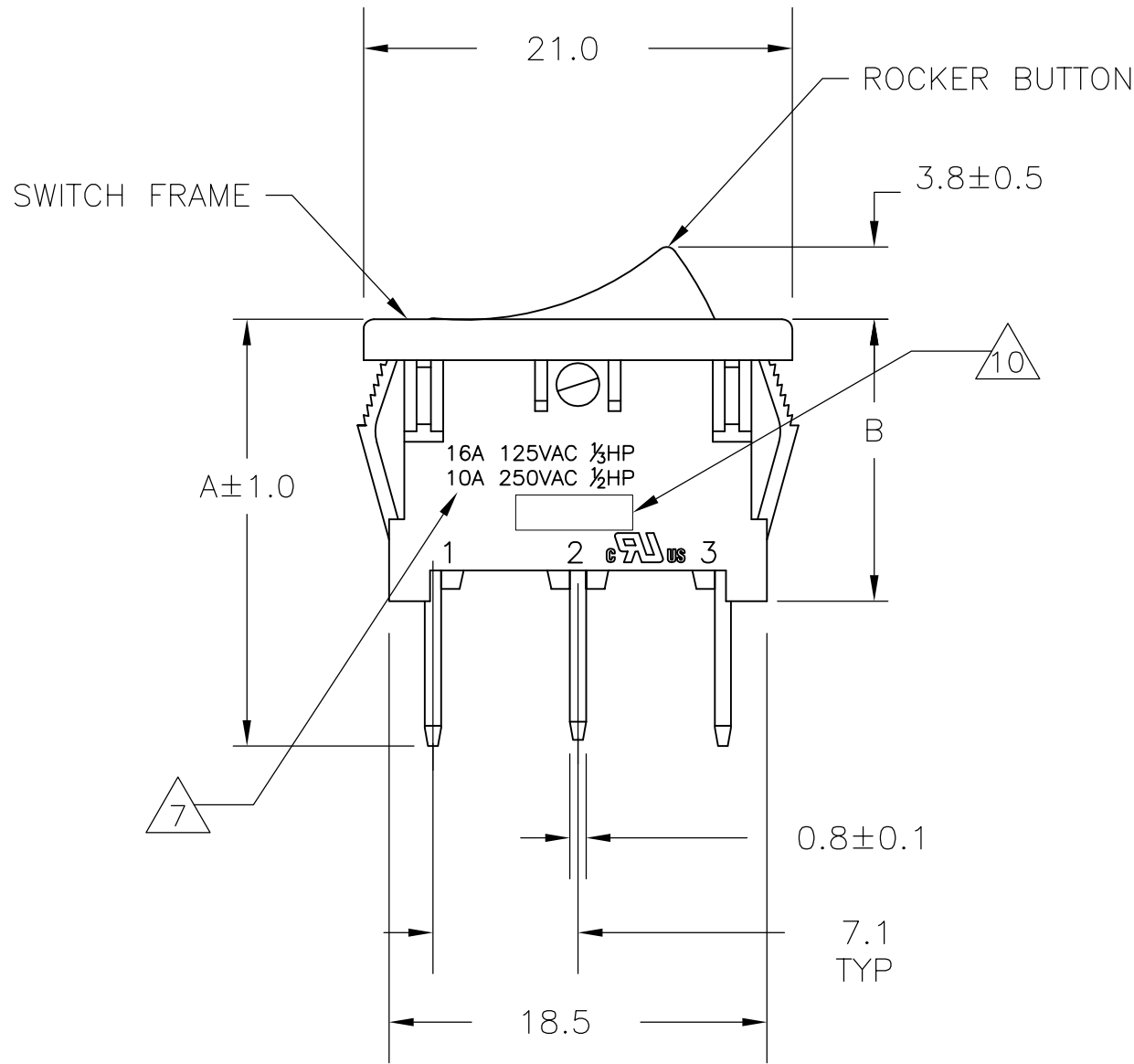
REVISIONS

| P | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|---|-----|---------------------------|-----------|-----|------|
|   | L1  | REVISED PER ECO-11-004820 | 11MAR11   | RK  | HMR  |
|   | L2  | REVISED PER ECO-16-017354 | 03MAR2017 | RK  | AS   |

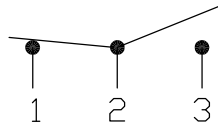
PANEL CUT OUT



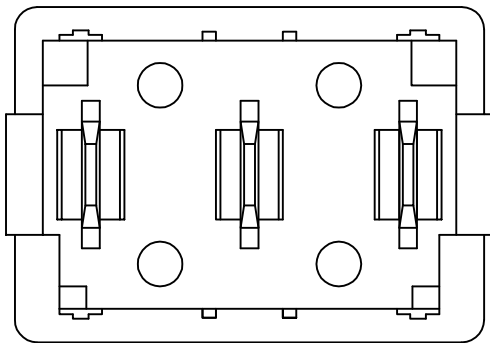
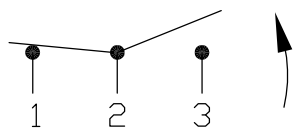
|                 |          |          |
|-----------------|----------|----------|
| 2.00-3.00       | 19.8-0.1 | 13.0+0.1 |
| 1.25-2.00       | 19.4-0.1 | 13.0+0.1 |
| 0.75-1.25       | 19.2-0.1 | 13.0+0.1 |
| PANEL THICKNESS | X        | Y        |



SWITCH FUNCTION D1  
CIRCUIT DIAGRAM



SWITCH FUNCTION D2  
CIRCUIT DIAGRAM



OBSOLETE—1571079—5—SHOWN  
(TWO ROCKER BUTTON POSITIONS)

|                                        |  |                                    |                                                                                            |                 |                    |
|----------------------------------------|--|------------------------------------|--------------------------------------------------------------------------------------------|-----------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>M.BINNER<br>25FEB2002       | TE Connectivity                                                                            |                 |                    |
| DIMENSIONS:<br>mm                      |  | CHK<br>J.MOSIER                    |                                                                                            |                 |                    |
|                                        |  | APVD<br>—                          | NAME<br>POWER ROCKER SWITCH 13.0mmX19.2mm<br>PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED |                 |                    |
|                                        |  | PRODUCT SPEC<br>NOT APPLICABLE     | SIZE<br>A2                                                                                 |                 |                    |
|                                        |  | APPLICATION SPEC<br>NOT APPLICABLE | CAGE CODE<br>00779                                                                         |                 |                    |
| MATERIAL<br>1                          |  | FINISH<br>2                        | DRAWING NO<br>1571079                                                                      |                 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                       |  |                                    | SCALE<br>3:1                                                                               | SHEET<br>1 of 3 | REV<br>L2          |

D

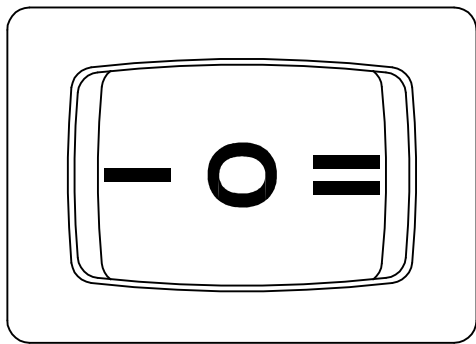
C

B

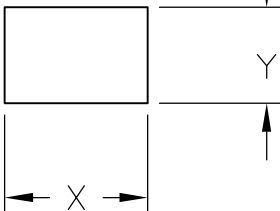
A

1571079

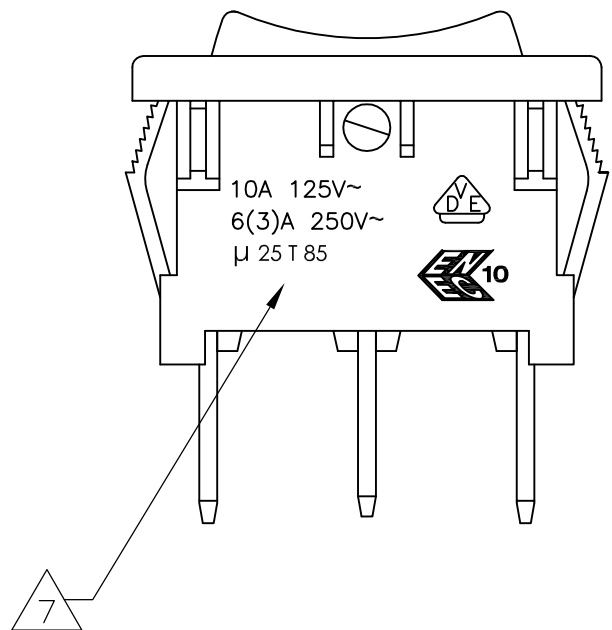
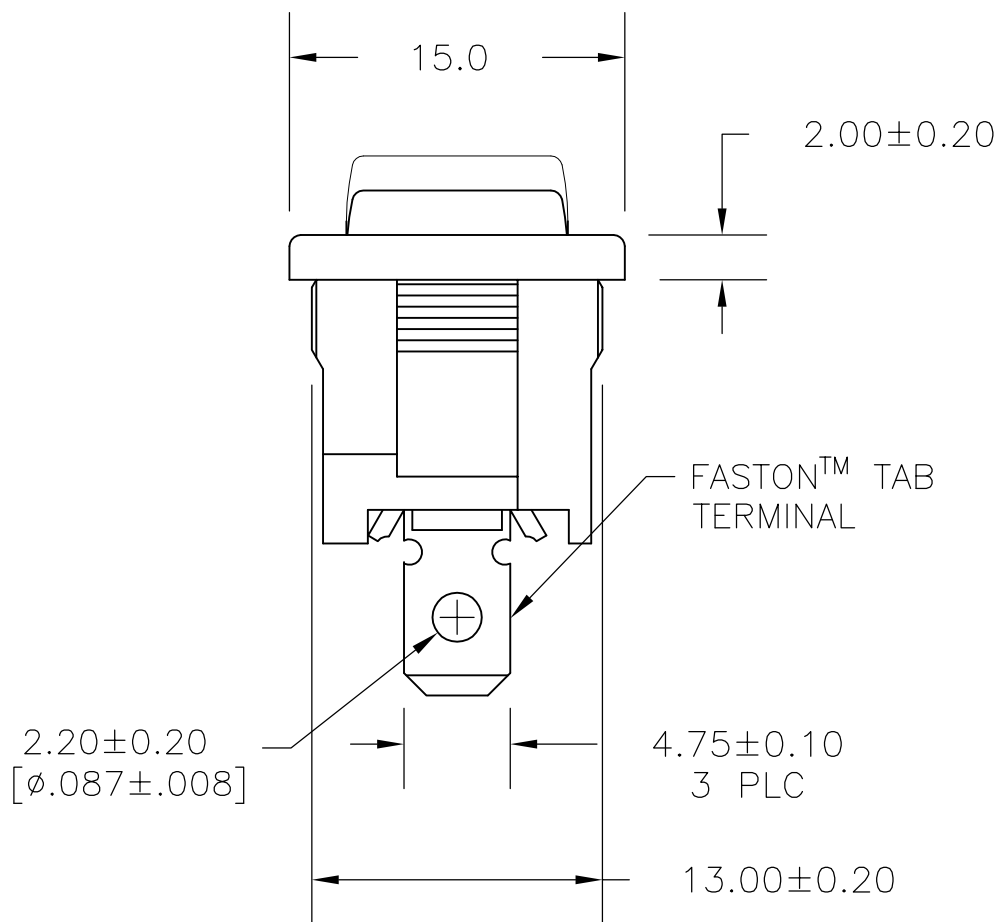
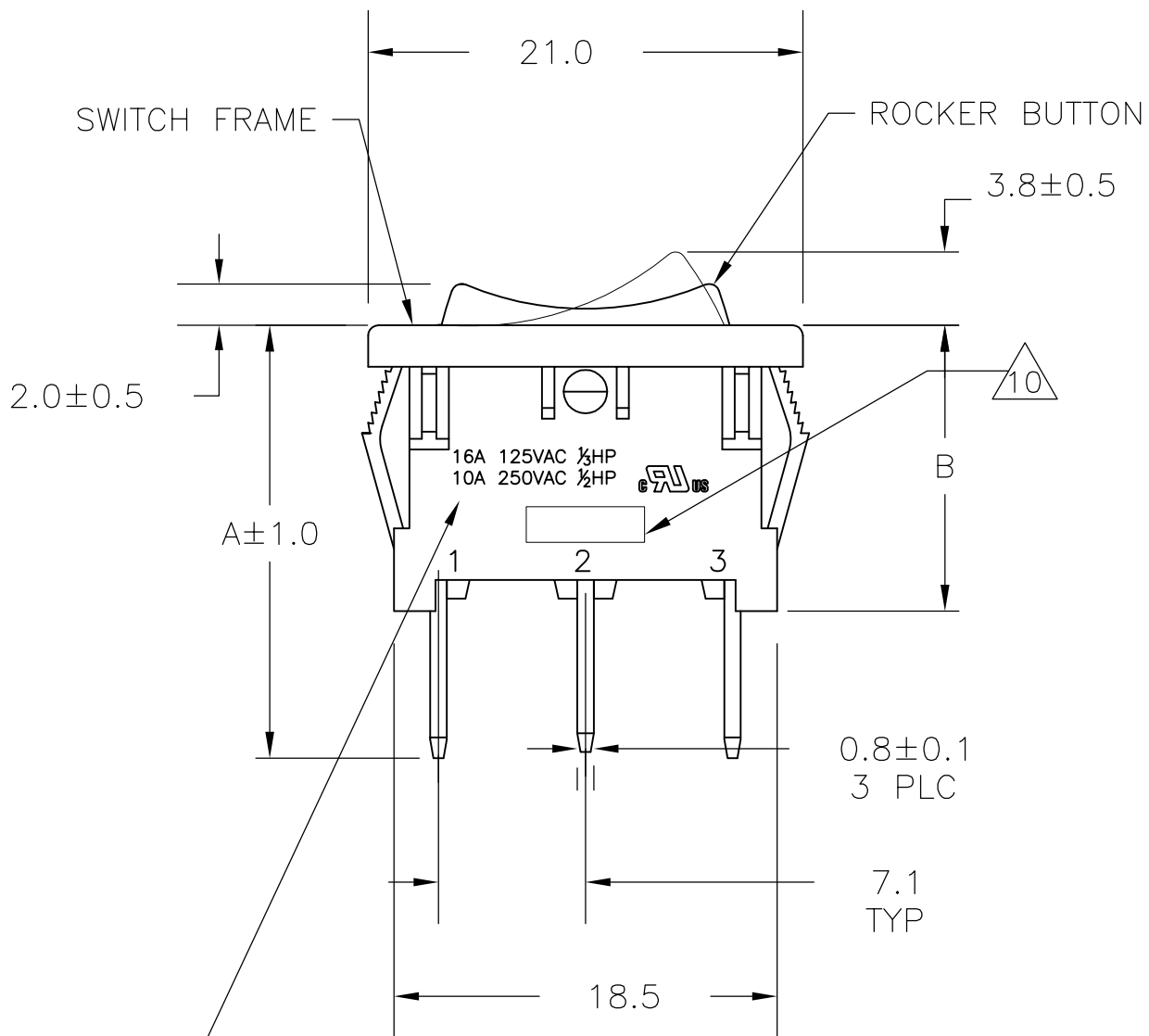
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | —   | SEE SHEET 1 | —    | —   | —    |



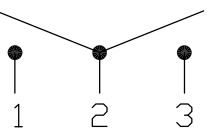
PANEL CUT OUT



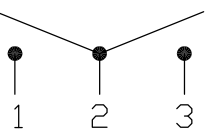
|                 |          |          |
|-----------------|----------|----------|
| 2.00–3.00       | 19.8–0.1 | 13.0+0.1 |
| 1.25–2.00       | 19.4–0.1 | 13.0+0.1 |
| 0.75–1.25       | 19.2–0.1 | 13.0+0.1 |
| PANEL THICKNESS | X        | Y        |



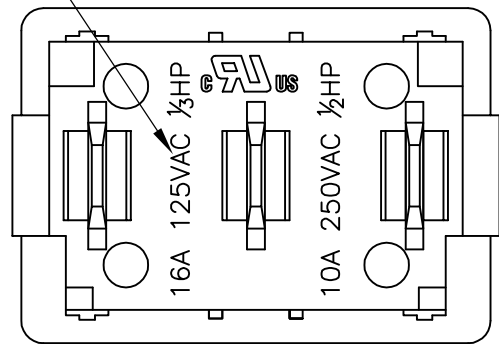
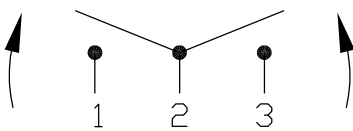
SWITCH FUNCTION D3  
CIRCUIT DIAGRAM



SWITCH FUNCTION D4  
CIRCUIT DIAGRAM



SWITCH FUNCTION D5  
CIRCUIT DIAGRAM



1–1571079–4 SHOWN  
(THREE ROCKER BUTTON POSITIONS)

|                                                                                             |  |                                                                      |                                                                                            |                 |                        |
|---------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------|------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                      |  | DWN<br>M.BINNER<br>25FEB2002                                         | TE Connectivity                                                                            |                 |                        |
| DIMENSIONS:<br>mm                                                                           |  | CHK<br>J.MOSIER                                                      |                                                                                            |                 |                        |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                      |  | APVD<br>—                                                            | NAME<br>POWER ROCKER SWITCH 13.0mmX19.2mm<br>PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED |                 |                        |
| 0 PLC ± —<br>1 PLC ± 0.30<br>2 PLC ± 0.05<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± —<br>FINISH |  | PRODUCT SPEC<br>NOT APPLICABLE<br>APPLICATION SPEC<br>NOT APPLICABLE | SIZE<br>A2                                                                                 |                 |                        |
| MATERIAL                                                                                    |  | WEIGHT<br>—                                                          | CAGE CODE<br>00779                                                                         |                 | DRAWING NO.<br>1571079 |
| CUSTOMER DRAWING                                                                            |  |                                                                      | SCALE<br>3:1                                                                               | SHEET<br>2 OF 3 | REV<br>L2              |

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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

NOMINAL PANEL CUT OUT SIZE: X<sub>3</sub> = A — 13.0x19.2

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

SWITCH FUNCTION: X<sub>5</sub>X<sub>6</sub> = D1 — ON–ON WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON  
D2 — ON–(ON) WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON  
D3 — ON–OFF–ON WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON  
D4 — ON–OFF–(ON) WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON  
D5 — (ON)–OFF–(ON), WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON

CURRENT RATING: X<sub>7</sub>X<sub>8</sub> = 16 — △6

TERMINAL TYPE: X<sub>9</sub> = E — FASTON™ TAB  
L — SOLDER LUG

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

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

SECONDARY ROCKER COLOR: X<sub>12</sub> = Ø — NOT APPLICABLE  
B — BLACK  
G — GREEN  
R — RED  
W — WHITE

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

Ø

D — =    E — ||    F — -o=    G — |o||    K — ◁o▷

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

1

MATERIALS:  
ROCKER BUTTON & HOUSING FRAME: NYLON 66, UL 94 V–2.  
TERMINAL, ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B152/B152M  
PLUNGER: COPPER ALLOY PER ASTM B036  
PHENOLIC, UL94V1(SWITCH FUNCTION D5 ONLY)  
SPRING: STEEL WIRE PER ASTM A228/A228M  
CONTACT: SILVER–TIN OXIDE

2

FINISH:  
TERMINAL, ACTIVE CONTACTOR: 1.0µm MIN SILVER  
COPPER ALLOY PLUNGER: 3.0µm MIN NICKEL

3

ELECTRICAL SPECIFICATIONS:  
CURRENT AND VOLTAGE: △6  
CONTACT RESISTANCE (INITIAL): <100mΩ(5V, 1A DC)  
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE  
INSULATION RESISTANCE (INITIAL): >100MΩMIN (500VDC BETWEEN OPEN CONTACTS)  
INRUSH CURRENT: 50A / 3msec (CAPACITIVE LOAD)  
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: 150g MIN, 650g MAX  
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS  
TERMINAL RETENTION STRENGTH: >2.5kg– SOLDER LUG  
>6.8kg– FASTON TAB

5

ENVIRONMENTAL SPECIFICATIONS:  
AMBIENT TEMPERATURE: –20°C TO +85°C  
HUMIDITY: MAX 85%  
SALT SPRAY: NO REMAKABLE RUST IN METAL PARTS. (5%SALT / 35°C 24HRS)  
SHOCK: NO MECHANICAL DEFECT OR DAMAGE. (100g / 10MSEC/ X,Y,Z 3 TIMES)  
VIBRATION: NO MECHANICAL DEFECT OR DAMAGE. (10–55Hz /1.5mm/ X,Y,Z 2HRS)

6

UL: 16A@125VAC ⅓HP / 10A@250VAC ½HP  
ENEC: 10A 125V~, 6(3)A 250V~, µ25T85

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS,MOLDED APPROXIMATELY AS SHOWN ON THE SIDE AND/OR BOTTOM SURFACE(S) OF THE SWITCH HOUSING.

8

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

9

COMPONENT RECOGNIZED TO EUROPEAN STANDARDS (ENEC, PENDING VDE). MARKS LICENSE No. 40006757

10

TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN PER TEC 202–36

|          |      |      |            |                        |             |
|----------|------|------|------------|------------------------|-------------|
|          | 16.5 | 23.5 | 2          | PRASD5–16F–BB0KW       | 1–1571079–6 |
| OBSOLETE | 16.5 | 23.5 | 2          | PRASD4–16F–BB0GW       | 1–1571079–5 |
|          | 16.5 | 23.5 | 2          | PRASD4–16F–BB0FW       | 1–1571079–4 |
|          | 16.5 | 23.5 | 2          | PRASD4–16F–BB000       | 1–1571079–3 |
|          | 13.8 | 20.9 | 1          | PRASD2–16F–BB0EW       | 1–1571079–2 |
|          | 13.8 | 20.9 | 1          | PRASD2–16F–BB0DW       | 1–1571079–1 |
|          | 13.8 | 20.9 | 1          | PRASD2–16F–BB000       | 1–1571079–0 |
|          | 16.5 | 23.5 | 2          | PRASD3–16F–BB0GW       | 1571079–9   |
| OBSOLETE | 16.5 | 23.5 | 2          | PRASD3–16F–BB0FW       | 1571079–8   |
|          | 16.5 | 23.5 | 2          | PRASD3–16F–BB000       | 1571079–7   |
| OBSOLETE | 13.8 | 20.9 | 1          | PRASD1–16F–BB0EW       | 1571079–6   |
| OBSOLETE | 13.8 | 20.9 | 1          | PRASD1–16F–BB0DW       | 1571079–5   |
|          | 13.8 | 20.9 | 1          | PRASD1–16F–BB000       | 1571079–4   |
|          | B    | A    | SHEET REF. | ALCOSWITCH PART NUMBER | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

0

PLC

±

–

1

PLC

±

0.30

2

PLC

±

0.05

3

PLC

±

–

4

PLC

±

–

ANGLES

±

–

FINISH

DWN

M.BINNER

25FEB2002

CHK

J.MOSIER

–

APVD

–

–

PRODUCT SPEC

NOT APPLICABLE

APPLICATION SPEC

NOT APPLICABLE

MATERIAL

WEIGHT

–

CUSTOMER DRAWING

TE

TE Connectivity

NAME

POWER ROCKER SWITCH 13.0mmX19.2mm  
PANEL SIZE SPDT, 3 TERMINALS, NON–ILLUMINATED

SIZE

A2

CAGE CODE

00779

DRAWING NO

1571079

RESTRICTED TO

–

SCALE

3:1

SHEET

3 of 3

REV

L2

1471–9 (1/15)

1571079

1

## Данный компонент на территории Российской Федерации

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

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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.

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