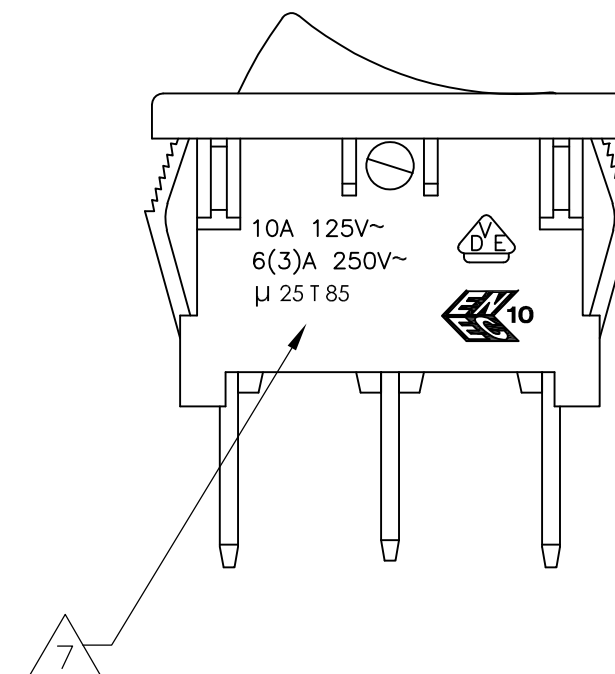
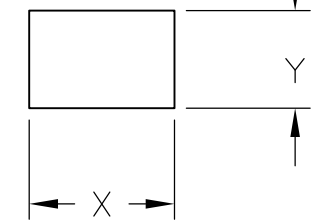
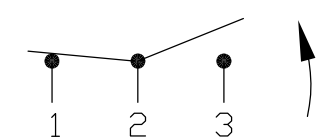
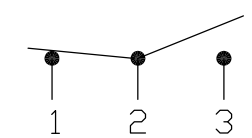


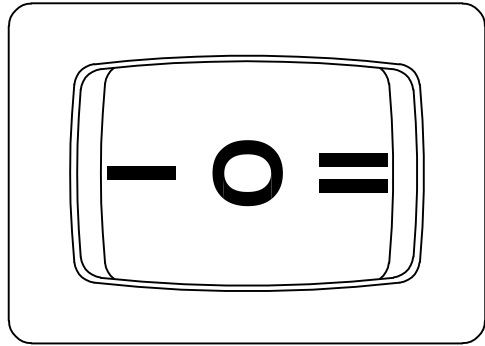


|                 |          |          |
|-----------------|----------|----------|
| 2.00–3.00       | 19.8–0.1 | 13.0+0.1 |
| 1.25–2.00       | 19.4–0.1 | 13.0+0.1 |
| 0.75–1.25       | 19.2–0.1 | 13.0+0.1 |
| PANEL THICKNESS | X        | Y        |

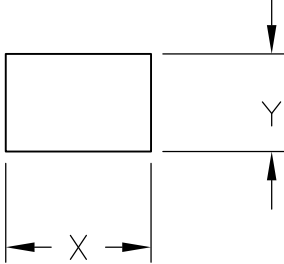


|                                                                                                            |  |                                                                                                                                       |  |                                                                                                                                    |                    |
|------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                     |  | DWN<br>M.BINNER<br>25FEB2002<br>CHK<br>J.MOSIER<br>APVD<br>—                                                                          |  |  TE Connectivity                              |                    |
| DIMENSIONS:<br>mm<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± —<br>1 PLC ± 0.30<br>2 PLC ± 0.05<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± —<br>FINISH |  | NAME<br>POWER ROCKER SWITCH, 13.0mm X 19.2mm<br>PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE-THROW,<br>THREE TERMINALS, NON-ILLUMINATED |                    |
| MATERIAL<br>          |  | PRODUCT SPEC<br>NOT APPLICABLE<br>APPLICATION SPEC<br>NOT APPLICABLE<br>WEIGHT<br>—                                                   |  | SIZE<br>A2                                                                                                                         | CAGE CODE<br>00779 |
|                                                                                                            |  |                                                                                                                                       |  | DRAWING NO<br>C-1571079                                                                                                            | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                                                                                           |  |                                                                                                                                       |  | SCALE 3:1                                                                                                                          | SHEET 1 OF 3       |
|                                                                                                            |  |                                                                                                                                       |  | REV 1                                                                                                                              |                    |

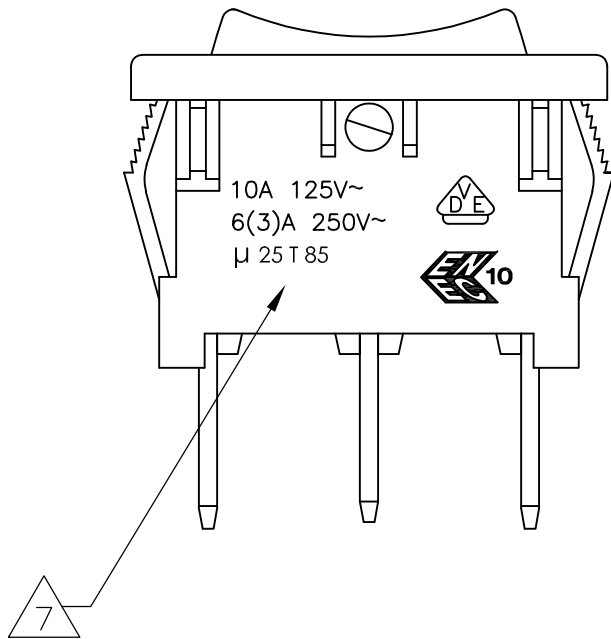
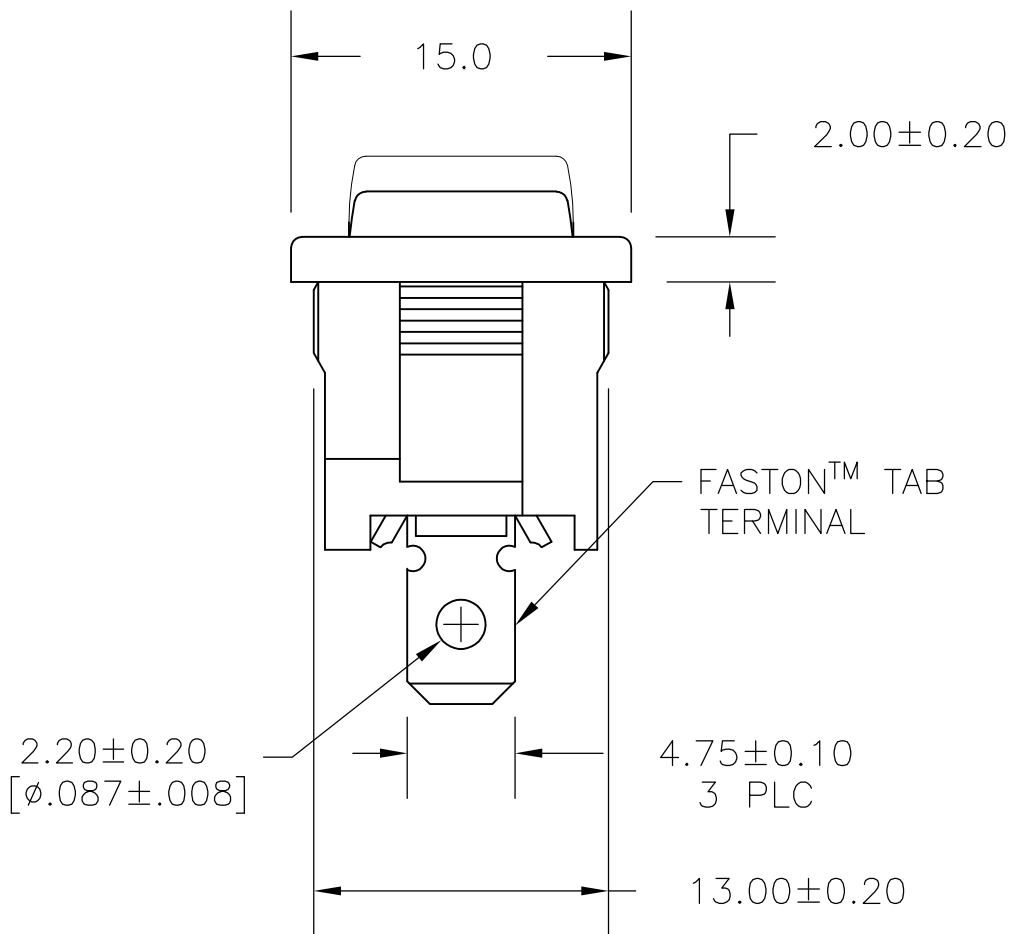
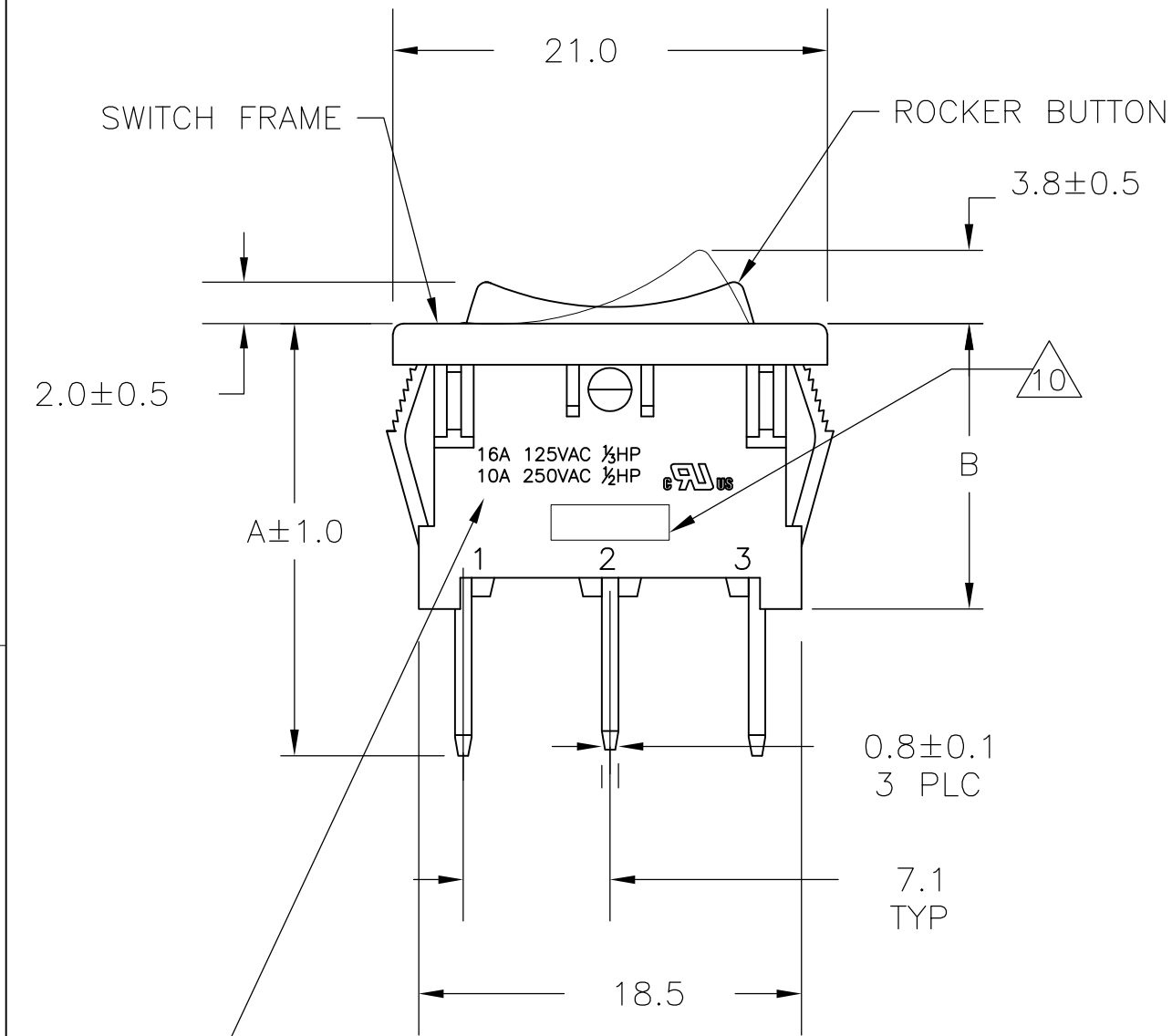
| LOC | DIST | REVISIONS |     |             |      |      |
|-----|------|-----------|-----|-------------|------|------|
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | APVD |
|     |      | -         | -   | SEE SHEET 1 | -    | -    |



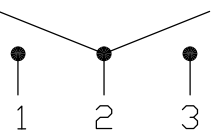
PANEL CUT OUT



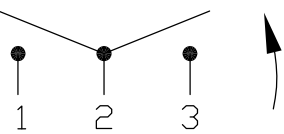
|                 |          |          |
|-----------------|----------|----------|
| 2.00-3.00       | 19.8-0.1 | 13.0+0.1 |
| 1.25-2.00       | 19.4-0.1 | 13.0+0.1 |
| 0.75-1.25       | 19.2-0.1 | 13.0+0.1 |
| PANEL THICKNESS | X        | Y        |



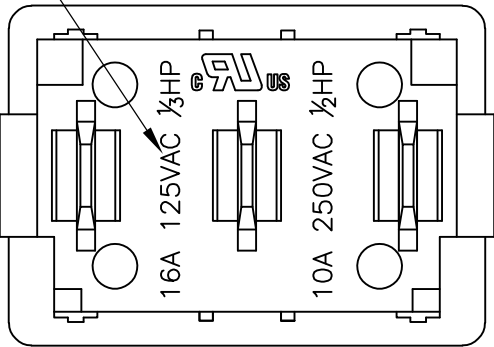
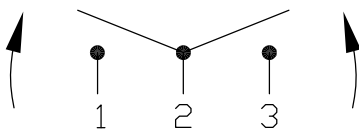
SWITCH FUNCTION D3  
CIRCUIT DIAGRAM



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                    | 25FEB2002 | TE Connectivity                                                                                                                    |                    |                         |
| DIMENSIONS:<br>mm                      |  | CHK<br>J.MOSIER                    | -         |                                                                                                                                    |                    |                         |
|                                        |  | APVD<br>-                          | -         | NAME<br>POWER ROCKER SWITCH, 13.0mm X 19.2mm<br>PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE-THROW,<br>THREE TERMINALS, NON-ILLUMINATED |                    |                         |
|                                        |  | PRODUCT SPEC<br>NOT APPLICABLE     |           | SIZE<br>A2                                                                                                                         | CAGE CODE<br>00779 | DRAWING NO<br>C=1571079 |
|                                        |  | APPLICATION SPEC<br>NOT APPLICABLE |           | RESTRICTED TO<br>-                                                                                                                 |                    |                         |
|                                        |  | WEIGHT<br>-                        |           | SCALE<br>3:1                                                                                                                       |                    |                         |
| MATERIAL                               |  | FINISH                             |           | SHEET<br>2 of 3                                                                                                                    |                    |                         |
|                                        |  | CUSTOMER DRAWING                   |           | REV<br>L1                                                                                                                          |                    |                         |

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOCAD

DIST00

REVISIONS

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

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> =

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G

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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): >100MΩ MIN (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 ½HP / 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 |
| 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   |
| 16.5 | 23.5 | 2          | PRASD3-16F-BB0FW       | 1571079-8   |
| 16.5 | 23.5 | 2          | PRASD3-16F-BB000       | 1571079-7   |
| 13.8 | 20.9 | 1          | PRASD1-16F-BB0EW       | 1571079-6   |
| 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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DWN M.BINNER

CHK J.MOSIER

APVD -

PRODUCT SPEC NOT APPLICABLE

APPLICATION SPEC NOT APPLICABLE

WEIGHT -

CUSTOMER DRAWING

25FEB2002

TE Connectivity

POWER ROCKER SWITCH, 13.0mm X 19.2mm

PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE-THROW, THREE TERMINALS, NON-ILLUMINATED

SIZE A2

CAGE CODE 00779

DRAWING NO C=1571079

RESTRICTED TO -

SCALE 3:1

SHEET 3 OF 3

REV L1

1471-9 (3/11)

1571079