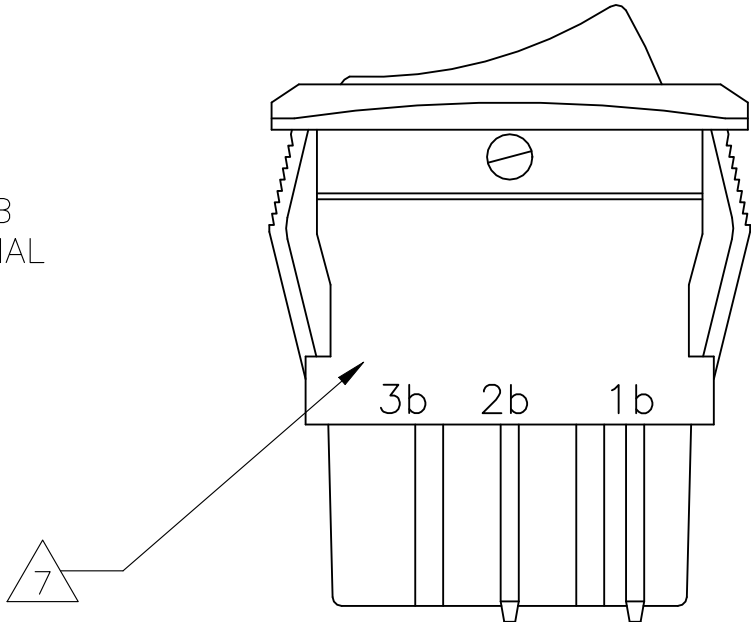
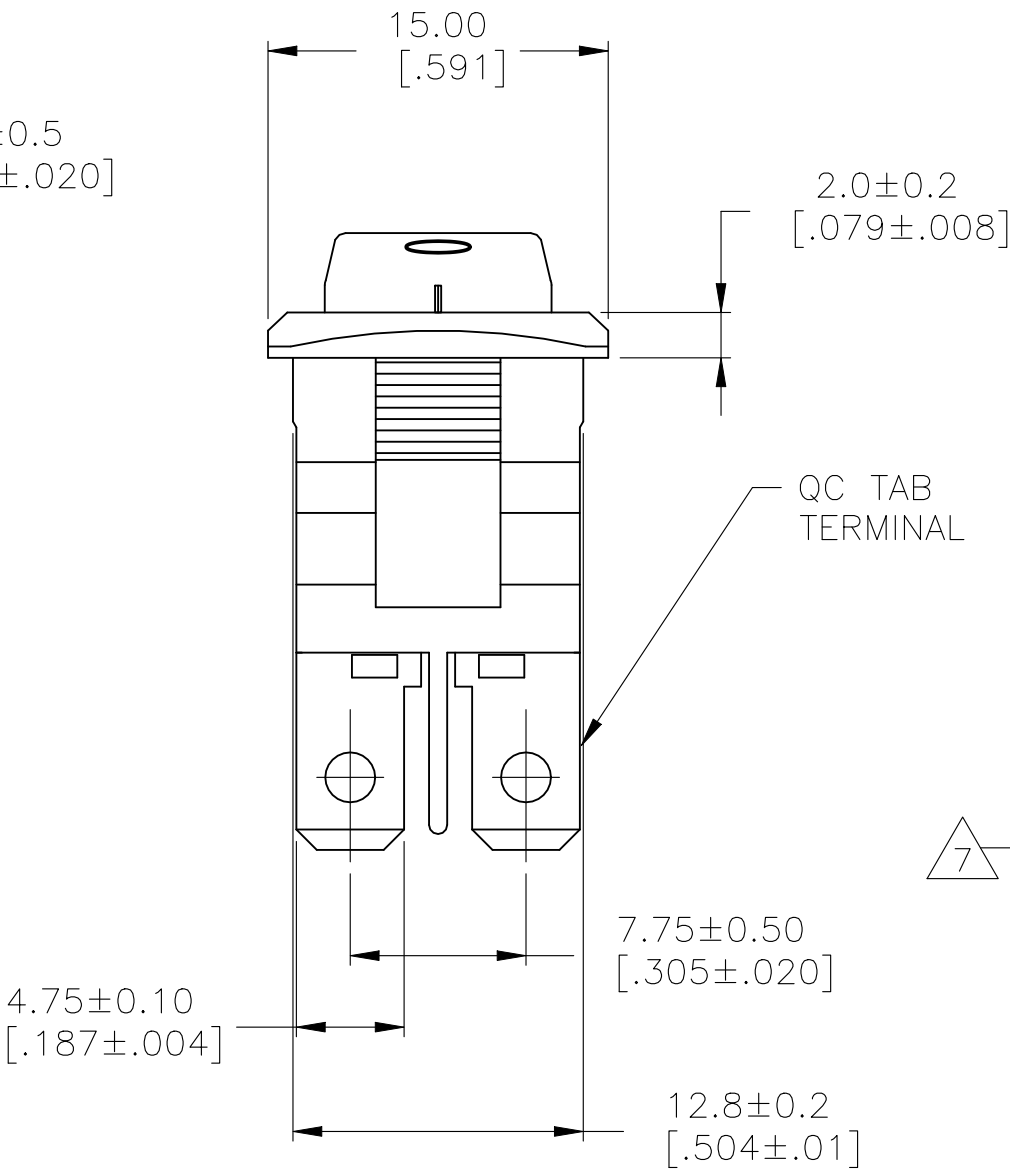
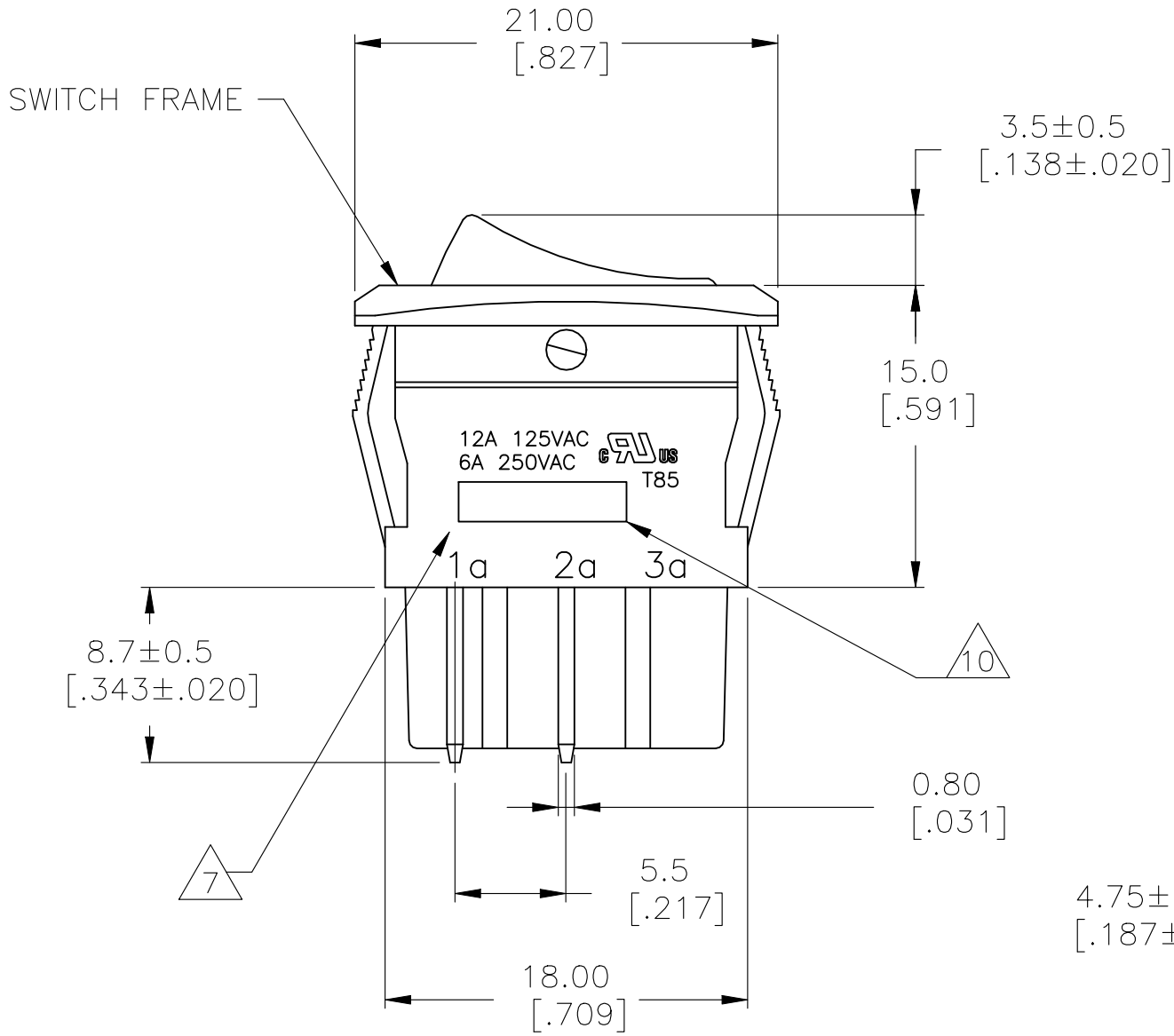
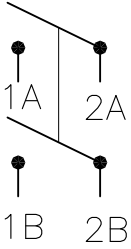


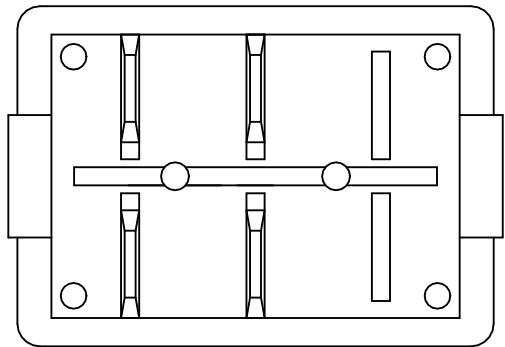
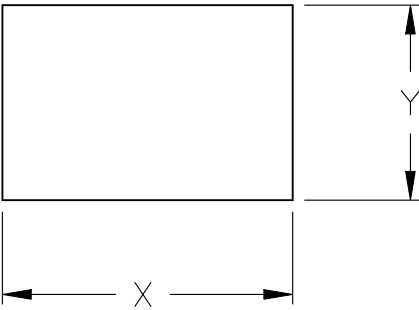
| REVISIONS | | | | | |
|-----------|-----|---------------------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | A1 | REVISED PER ECO-16-017354 | 10MAR2017 | RK | AS |
| | A2 | REVISED PER ECR-22-143859 | 11AUG2023 | SA | DM |



SWITCH FUNCTION A1
CIRCUIT DIAGRAM







PANEL CUT OUT



1977068-2 SHOWN

| | | |
|----------------------|----------------------|----------------------|
| 2.00-4.00[.079-.158] | 19.8-0.1 [.780-.004] | 13.0+0.1 [.512+.004] |
| 1.25-2.00[.049-.079] | 19.4-0.1[.764-.004] | 13.0+0.1 [.512+.004] |
| 0.75-1.25[.030-.049] | 19.2-0.1[.756-.004] | 13.0+0.1 [.512+.004] |
| PANEL THICKNESS | X | Y |

| | | | | | | | | | | | | | |
|---|--|---|--|------------------|--|---|--|-----------|--|------------|--|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M. BINNER | | 03APR2007 | |  TE Connectivity | | | | | | | |
| DIMENSIONS: mm [INCHES] | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | CHK D.ROHDE | | NAME | | | | | | | |
|  | | 0 PLC ± - | | APVD - | | POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE, DPST, 4 TERMINALS, NON-ILLUMINATED | | | | | | | |
| | | 1 PLC ± 0.30[.012] | | PRODUCT SPEC | | | | | | | | | |
| | | 2 PLC ± 0.005[.002] | | NOT APPLICABLE | | | | | | | | | |
| | | 3 PLC ± - | | APPLICATION SPEC | | | | | | | | | |
| 4 PLC ± - | | ANGLES ± ± | | NOT APPLICABLE | | RESTRICTED TO | | | | | | | |
| MATERIAL | | FINISH | | WEIGHT | | SIZE | | CAGE CODE | | DRAWING NO | | RESTRICTED TO | |
|  | |  | | A2 | | 00779 | | C= | | 1977068 | | - | |
| CUSTOMER DRAWING | | | | | | SCALE | | 3:1 | | SHEET | | 1 of 2 | |
| | | | | | | REV | | A2 | | | | | |

4

3

2

1

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REVISIONS

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

LEGACY PART NUMBER

X₁X₂

X₃

X₄

X₅X₆

—

X₇X₈

X₉

—

X₁₀X₁₁X₁₂X₁₃X₁₄

SWITCH TYPE: X₁X₂ = PR — POWER ROCKER

SECONDARY ROCKER COLOR: X₁₂ = ∅ — NOT APPLICABLE

NOMINAL PANEL CUT OUT SIZE: X₃ = A — 13.0x19.2 [.512x.756]

NUMBER OF POLES: X₄ = D — DOUBLE

SWITCH FUNCTION: X₅X₆ = A1 — ON-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.

LEGEND TEXT PATTERN: X₁₃ =

∅

A

B

C

H

CURRENT RATING: X₇X₈ = 12 —

6

TERMINAL TYPE: X₉ = E — QC TAB

FRAME COLOR: X₁₀ = B — BLACK
W — WHITE

ROCKER COLOR: X₁₁ =

B

G

R

W

 — BLACK
— GREEN
— RED
— WHITE

LEGEND TEXT COLOR: X₁₄ =

∅

G

R

B

W

 — NOT APPLICABLE
— GREEN
— RED
— BLACK
— WHITE

1

MATERIALS:
ROCKER BUTTON & HOUSING FRAME: NYLON 66, UL 94 V-2.
TERMINAL, ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B152/B152M
PLUNGER: BRASS PER ASTM B036
SPRING: STEEL WIRE PER ASTM A228/A228M

2

FINISH:
PLUNGER: 1.02µm[.000040]MIN NICKEL

3

ELECTRICAL SPECIFICATIONS:
CURRENT AND VOLTAGE:

6

CONTACT RESISTANCE (INITIAL): <100mΩ
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
INSULATION RESISTANCE (INITIAL): >100MΩ (500 VDC 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, 800g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION FORCE: >6.8kg— QC TAB

5

ENVIRONMENTAL SPECIFICATIONS:
AMBIENT TEMPERATURE: -20°C TO +85°C
HUMIDITY: MAX 85%
SALT SPRAY: NO REMARKABLE RUST ON METAL PARTS
(5% SALT/ 35°C, 24HRS)
SHOCK: NO MECHANICAL DEFECT OR DAMAGE
(500G 11MSEC / X,Y,Z, 3 TIMES)

6

12A@125VAC/6A@250VAC

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS, AND THE TE LOGO MOLDED APPROXIMATELY AS SHOWN ON THE SIDES OF THE SWITCH HOUSING.

8

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

9

ROHS 2002/95/EC COMPLIANT.

10

TYCO ELECTRONICS LOGO LOCATED APPROXIMATELY AS SHOWN

OBSOLETE

| | |
|--------------------|-------------|
| PRADA1-12F-BROBW | 1977068-5 |
| PRADA1-12F-BR000 | 1977068-4 |
| PRADA1-12F-BB0CW | 1977068-3 |
| PRADA1-12F-BB0BW | 1977068-2 |
| PRADA1-12F-BB000 | 1977068-1 |
| LEGACY PART NUMBER | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC ± -

1 PLC ± 0.30[.012]

2 PLC ± 0.05[.002]

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL

1

FINISH

2

DWN
M. BINNER
03APR2007

CHK
D.ROHDE

APVD
—

PRODUCT SPEC
NOT APPLICABLE

APPLICATION SPEC
NOT APPLICABLE

WEIGHT

CUSTOMER DRAWING

NAME
POWER ROCKER SWITCH 13.0mmX19.2mm
PANEL SIZE, DPST, 4 TERMINALS, NON-ILLUMINATED

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1977068

RESTRICTED TO
—

SCALE
3:1

SHEET
2 OF 2

REV
A2

TE Connectivity

1977068

1471-9 (1/15)