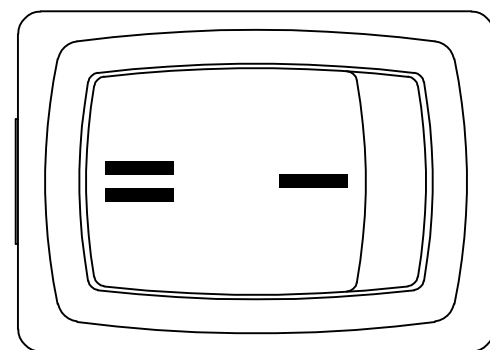
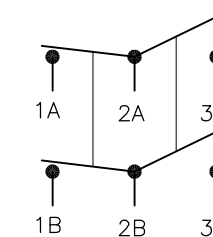


LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	ECO-07-019301	23AUG07	MB	DR



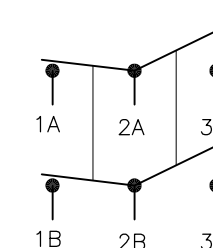
SWITCH FUNCTION D1

CIRCUIT DIAGRAM

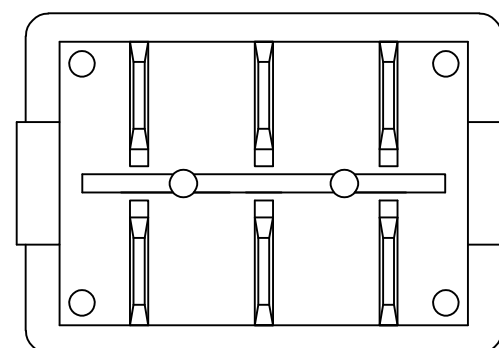
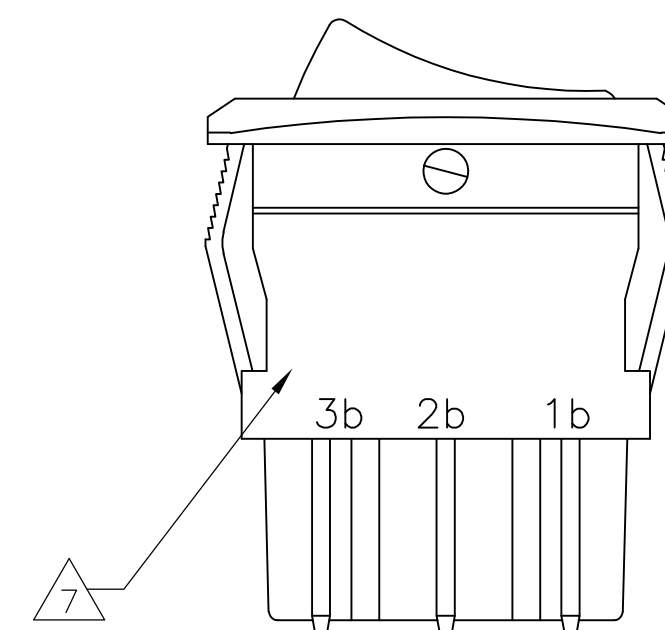
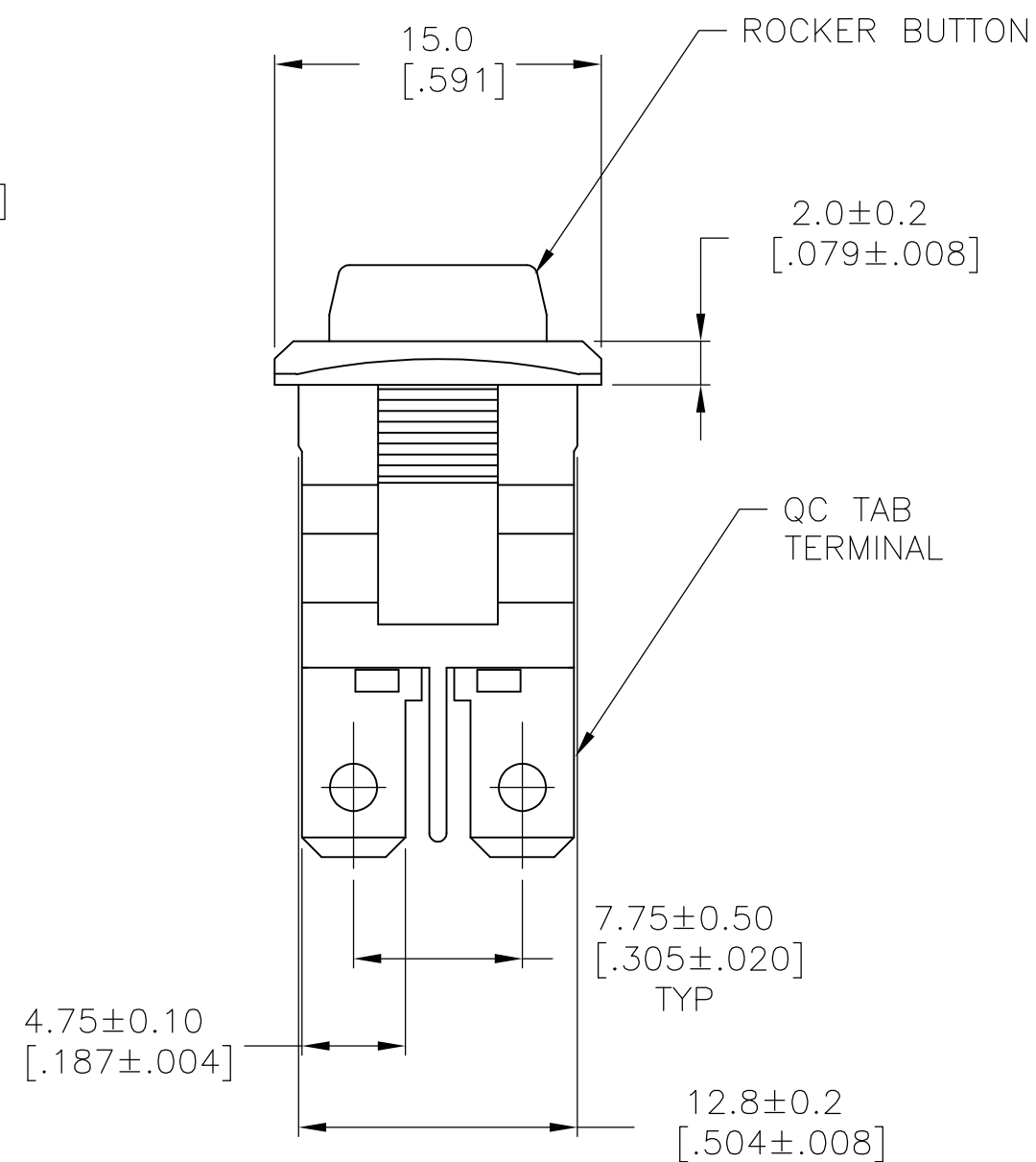
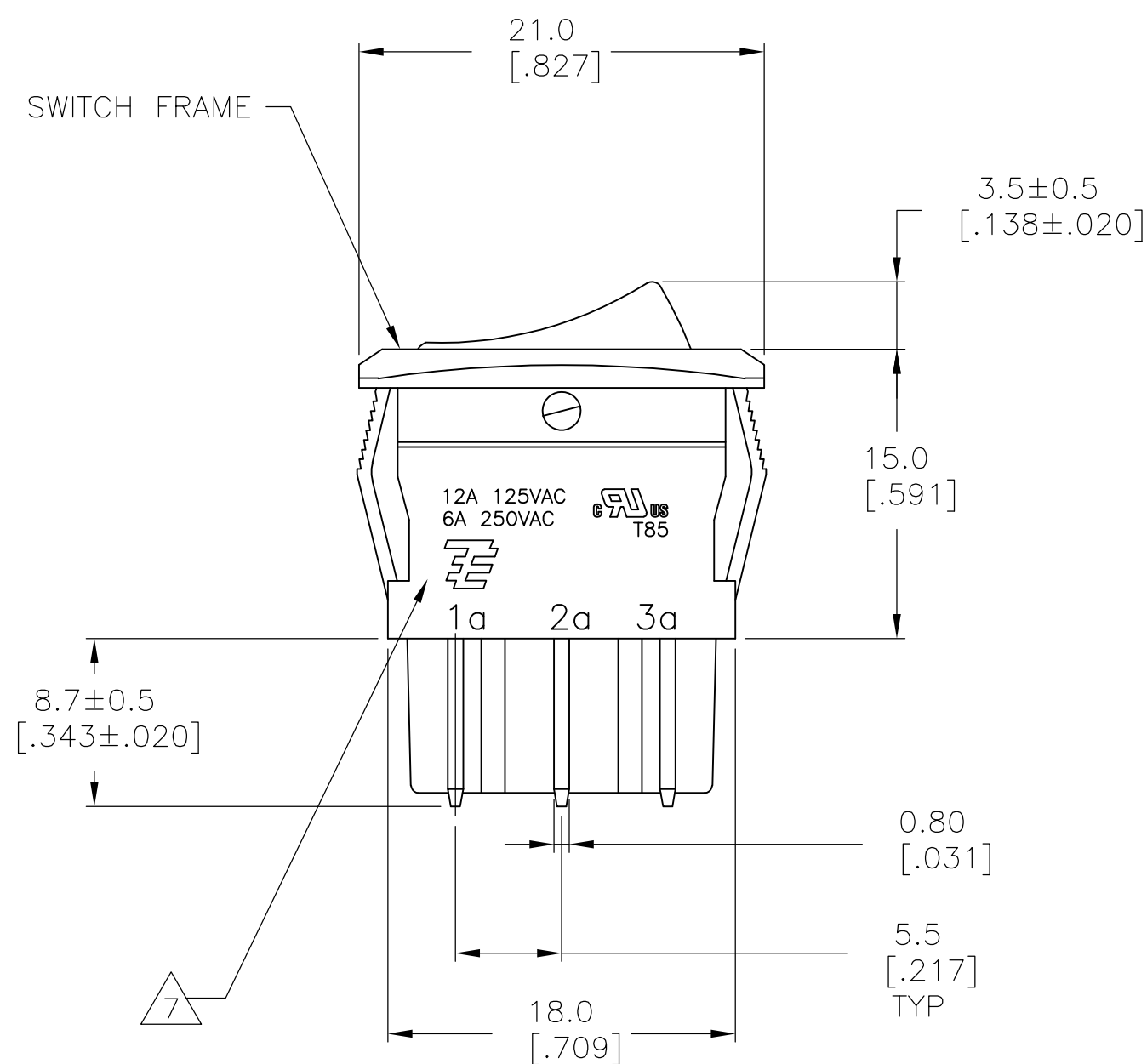
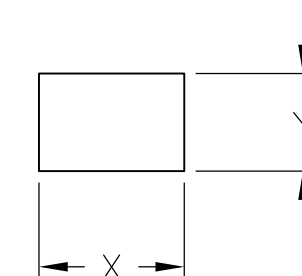


SWITCH FUNCTION D2

CIRCUIT DIAGRAM



PANEL CUT OUT

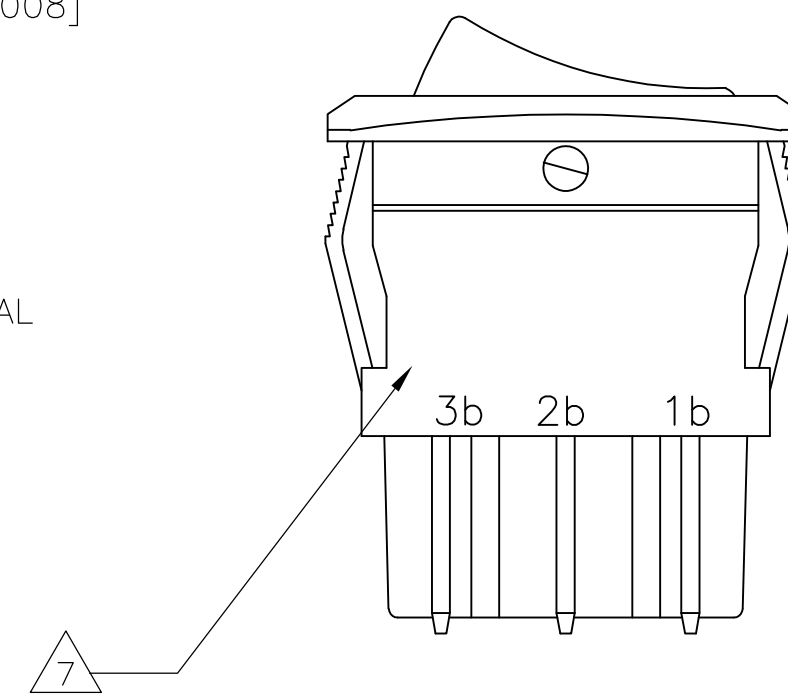
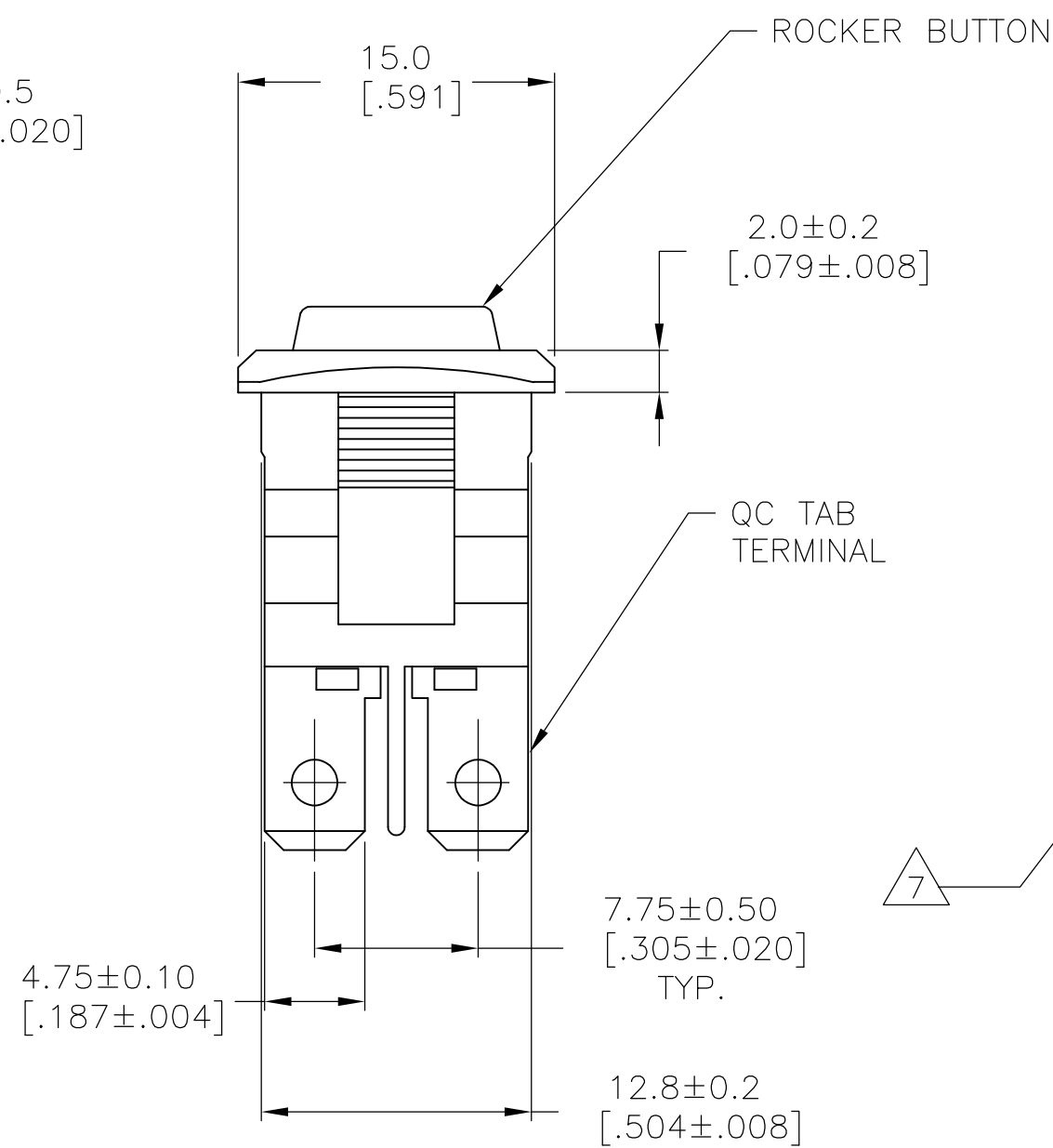
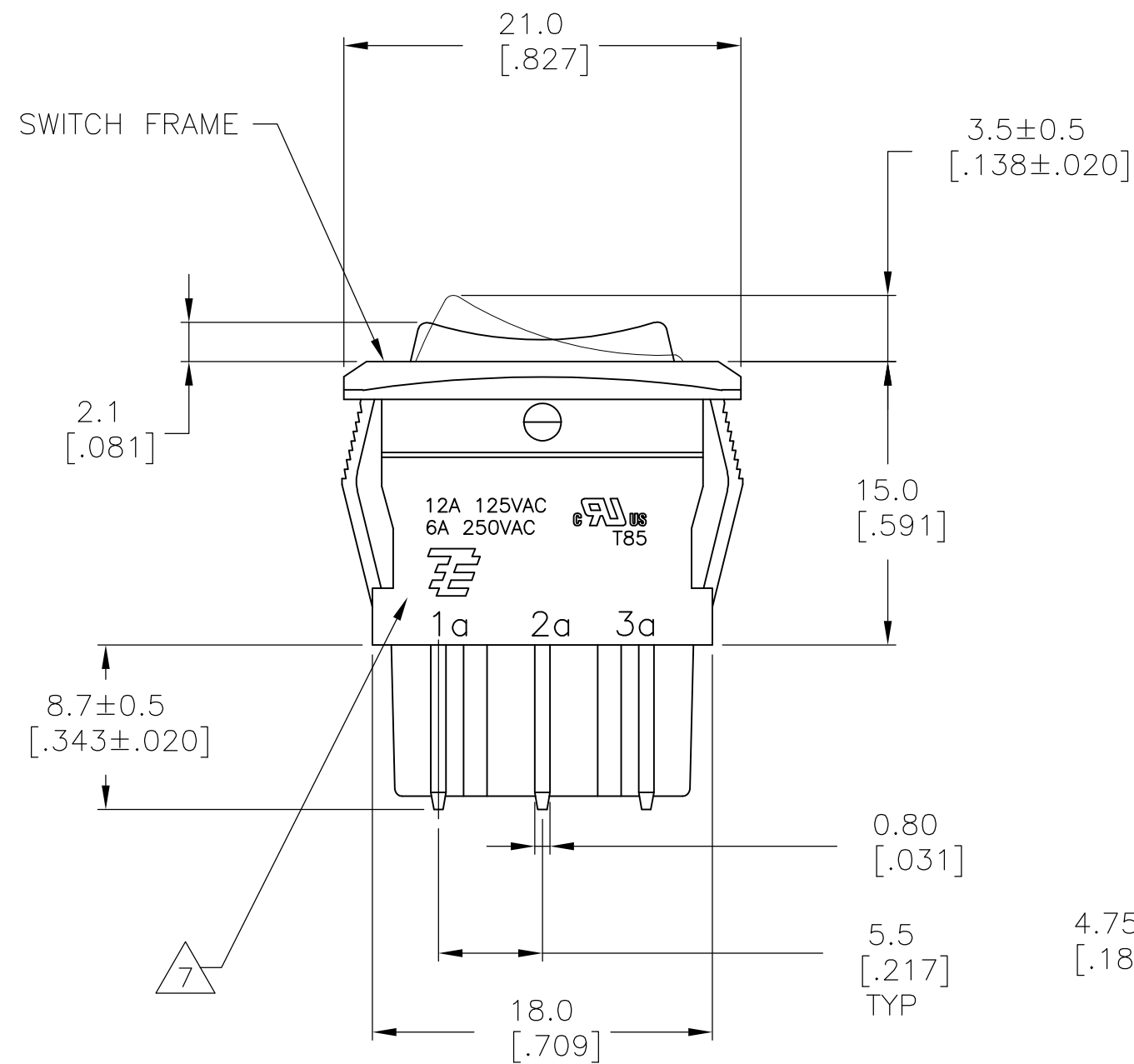
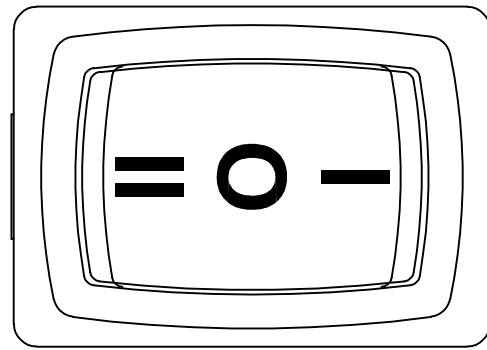


1977069-2 SHOWN

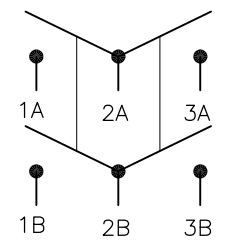
2.00–4.00[.079–.158]	19.8–0.1 [.780–.004]	13.0+0.1 [.512+.004]
1.25–2.00[.049–.079]	19.4–0.1 [.764–.004]	13.0+0.1 [.512+.004]
0.75–1.25[.030–.049]	19.2–0.1 [.756–.004]	13.0+0.1 [.512+.004]
PANEL THICKNESS	X	Y

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER		03APR2007		Tyco Electronics		Tyco Electronics Corporation	
		CHK D.ROHDE		-				Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -		NAME		POWER ROCKER SWITCH, 13.0mm X 19.2mm	
		0 PLC ± - 1 PLC ± 0.30[.012] 2 PLC ± 0.05[.002] 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC NOT APPLICABLE		PANEL CUT-OUT SIZE, DOUBLE POLE, DOUBLE THROW, SIX TERMINALS, NON-ILLUMINATED			
MATERIAL		FINISH		APPLICATION SPEC NOT APPLICABLE		SIZE		RESTRICTED TO	
				WEIGHT -		A2 00779 C-1977069		-	
CUSTOMER DRAWING						SCALE 3:1		SHEET 1 OF 3	
								REV A	

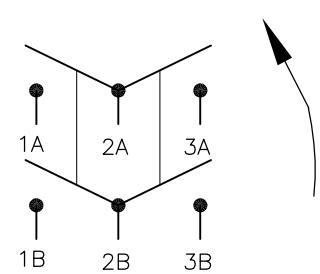
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—



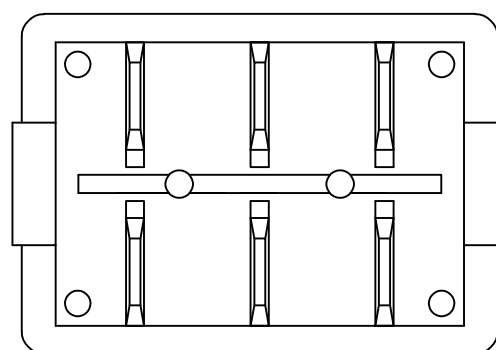
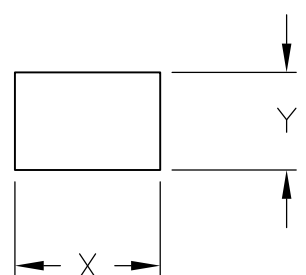
SWITCH FUNCTION D3 CIRCUIT DIAGRAM



SWITCH FUNCTION D4 CIRCUIT DIAGRAM



PANEL CUT OUT



1-1977069-1 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	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK D.ROHDE	-	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-	POWER ROCKER SWITCH, 13.0mm X 19.2mm PANEL CUT-OUT SIZE, DOUBLE POLE, DOUBLE THROW, SIX TERMINALS, NON-ILLUMINATED	
0 PLC ± - 1 PLC ± 0.30[.012] 2 PLC ± 0.05[.002] 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC	NOT APPLICABLE		
		APPLICATION SPEC	NOT APPLICABLE		
MATERIAL	FINISH	WEIGHT	-	SIZE A2	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C-1977069	RESTRICTED TO -
SCALE 3:1				SHEET 2 OF 3	REV A

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOCAD

DIST00

REVISIONS

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

LEGACY PART NUMBER

X₁X₂

X₃

X₄

X₅X₆

—

X₇X₈

X₉

—

X₁₀

X₁₁

X₁₂

X₁₃

X₁₄

SWITCH TYPE: X₁X₂ = PR — POWER ROCKER

SECONDARY ROCKER COLOR: X₁₂ = Ø — NOT APPLICABLE

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

NUMBER OF POLES: X₄ = D — DOUBLE

SWITCH FUNCTION: X₅X₆ =

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

CURRENT RATING: X₇X₈ = 12 — △6

LEGEND TEXT PATTERN: X₁₃ =

Ø

D

E

F

G

– =

I II

– O =

I O II

TERMINAL TYPE: X₉ = E — QC TAB

LEGEND TEXT COLOR: X₁₄ =

Ø — NOT APPLICABLE

G — GREEN

R — RED

B — BLACK

W — WHITE

FRAME COLOR: X₁₀ =

B — BLACK

W — WHITE

ROCKER COLOR: X₁₁ =

B — BLACK

G — GREEN

R — RED

W — 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, 1400g 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.

2	PRADD4–12F–BB0GW	1–1977069–2
2	PRADD4–12F–BB0FW	1–1977069–1
2	PRADD4–12F–BB000	1–1977069–0
1	PRADD2–12F–BB0EW	1977069–9
1	PRADD2–12F–BB0DW	1977069–8
1	PRADD2–12F–BB000	1977069–7
2	PRADD3–12F–BB0GW	1977069–6
2	PRADD3–12F–BB0FW	1977069–5
2	PRADD3–12F–BB000	1977069–4
1	PRADD1–12F–BB0EW	1977069–3
1	PRADD1–12F–BB0DW	1977069–2
1	PRADD1–12F–BB000	1977069–1
SHEET REF	LEGACY PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN M.BINNER

CHK D.ROHDE

APVD —

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± 0.30[.012]

2 PLC ± 0.05[.002]

3 PLC ± —

4 PLC ± —

ANGLES ± —

MATERIAL △1

FINISH △2

03APR2007

PRODUCT SPEC

NOT APPLICABLE

APPLICATION SPEC

NOT APPLICABLE

WEIGHT —

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation

Harrisburg, Pa 17105–3608

NAME

POWER ROCKER SWITCH, 13.0mm X 19.2mm

PANEL CUT–OUT SIZE, DOUBLE POLE,DOUBLE THROW,

SIX TERMINALS, NON–ILLUMINATED

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C=1977069

—

SCALE 3:1

SHEET 3 OF 3

REV A

AMP 1471–9 REV 31MAR2000