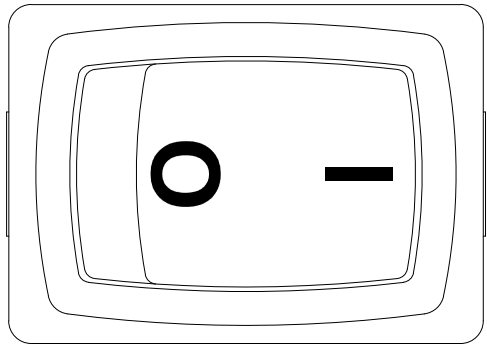


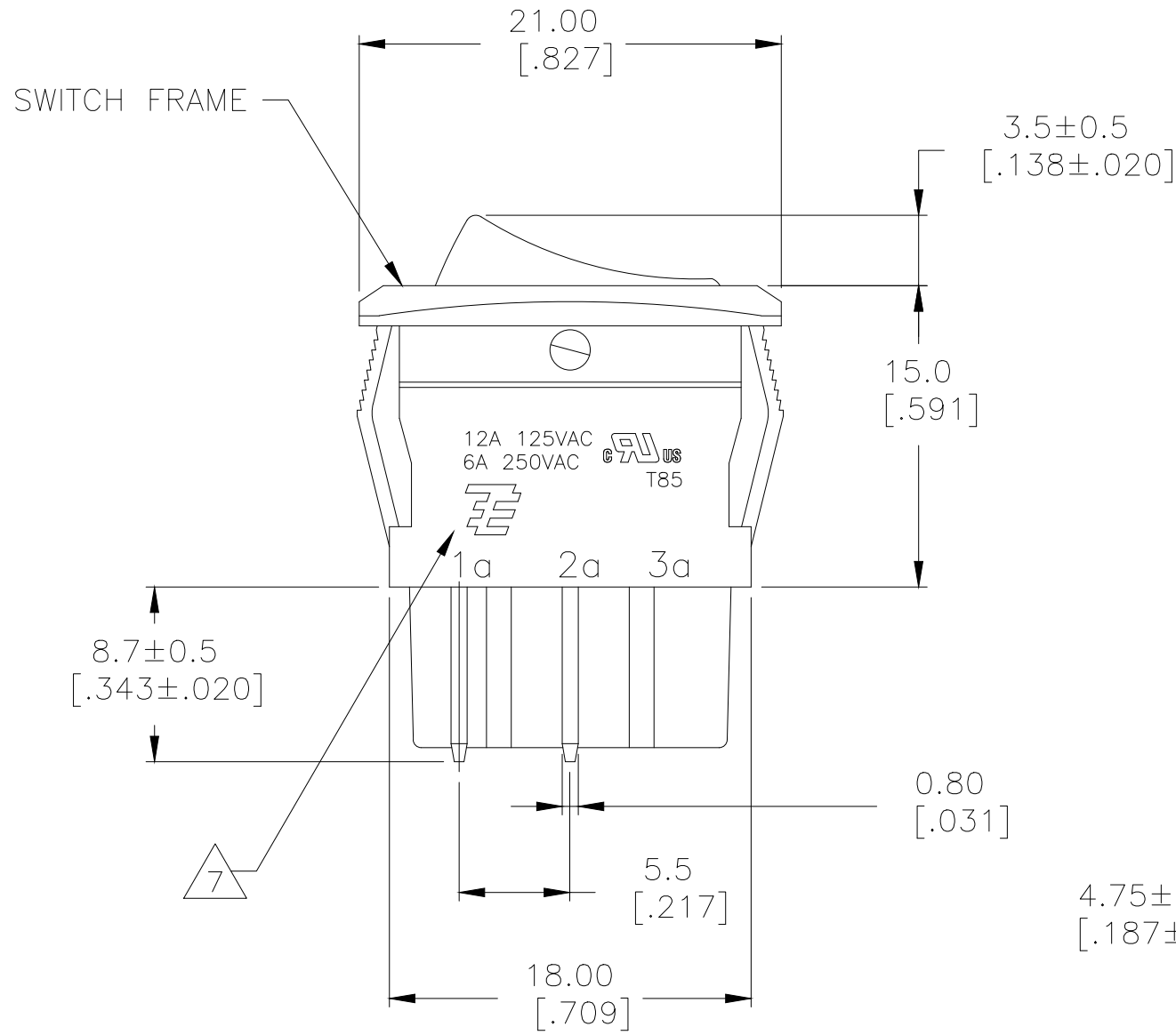
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECO-07-019301	21AUG07	MB	DR
	A1	REVISED PER ECO-16-017354	10MAR2017	RK	AS

D



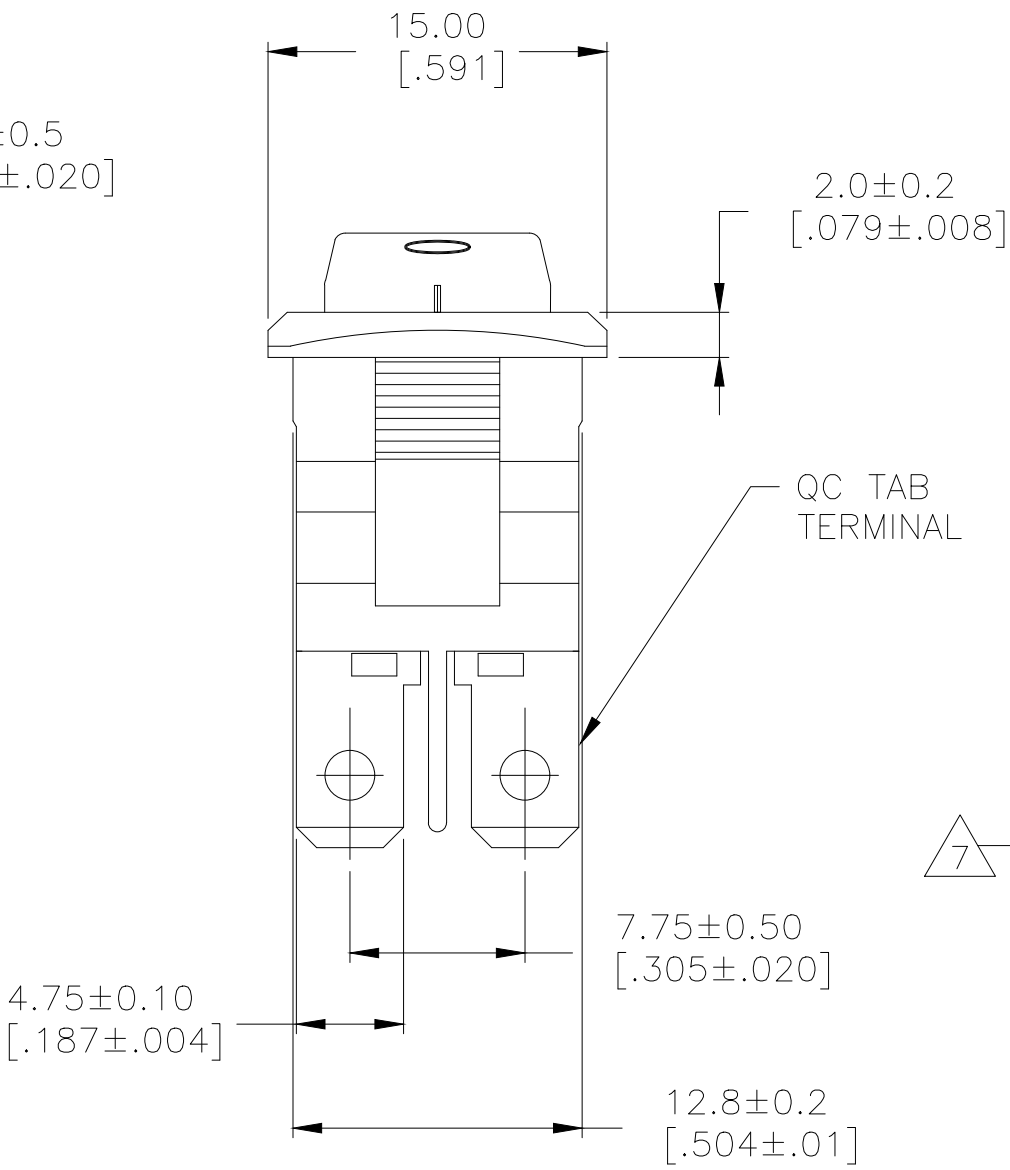
D

C

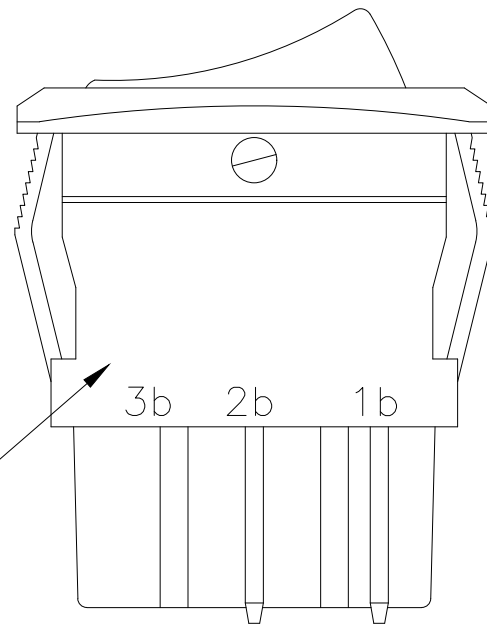


C

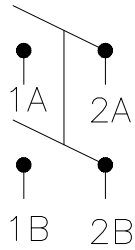
B



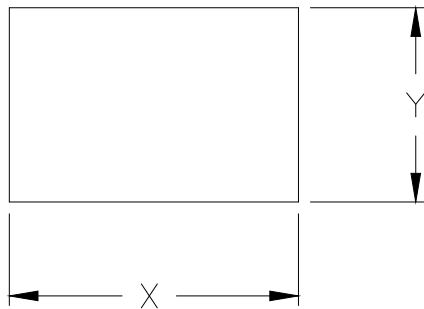
B



SWITCH FUNCTION A1
CIRCUIT DIAGRAM

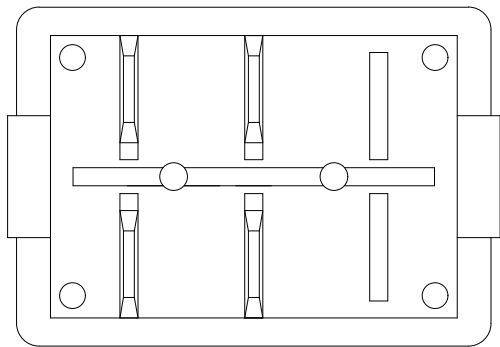


PANEL CUT OUT



1977068

A



A

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]		CHK D.ROHDE	-			
		APVD	-	NAME POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE, DPST, 4 TERMINALS, NON-ILLUMINATED		
		PRODUCT SPEC		NOT APPLICABLE		
		APPLICATION SPEC		NOT APPLICABLE		
MATERIAL		WEIGHT		SIZE A2	CAGE CODE 00779	DRAWING NO C-1977068
FINISH		CUSTOMER DRAWING		RESTRICTED TO -	SCALE 3:1	SHEET 1 OF 2
1		2		REV A1		

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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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 = Ø - 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 =

Ø

A

B

C

H

CURRENT RATING: X₇X₈ = 12 -

6

TERMINAL TYPE: X₉ = E - QC TAB

FRAME COLOR: X₁₀ =

B - BLACK

W - WHITE

LEGEND TEXT COLOR: X₁₄ =

Ø - NOT APPLICABLE

G - GREEN

R - RED

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, 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.

OBSOLETE

PRADA1-12F-BROBW

PRADA1-12F-BR000

PRADA1-12F-BB0CW

PRADA1-12F-BB0BW

PRADA1-12F-BB000

LEGACY PART NUMBER

1977068-5

1977068-4

1977068-3

1977068-2

1977068-1

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm [INCHES]

MATERIAL

1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.30[.012]

2 PLC ± 0.05[.002]

3 PLC ± -

4 PLC ± -

ANGLES ± -

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

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=1977068

-

SCALE

3:1

SHEET

2 of 2

REV

A1

TE Connectivity

TE

1471-9 (1/15)

1977068

1977068

1977068

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[PRADA1-12F-BR0BW](#) [PRADA1-12F-BR000](#)