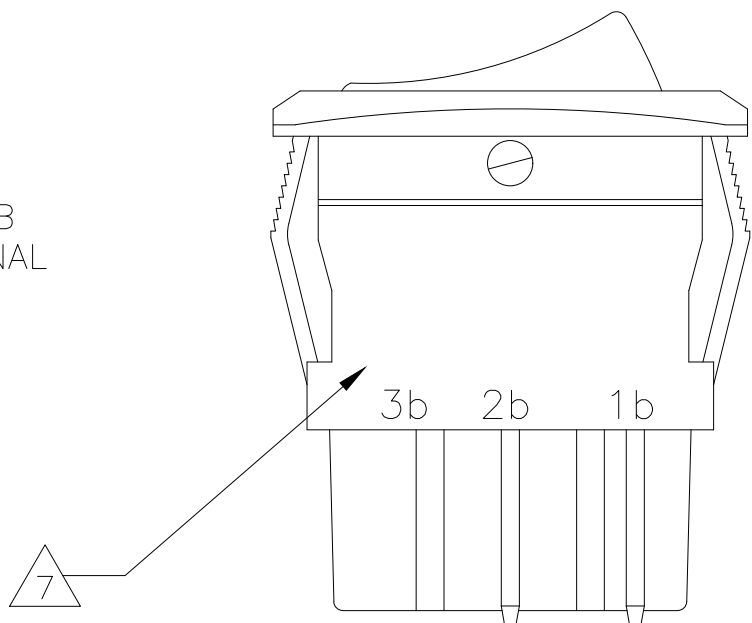
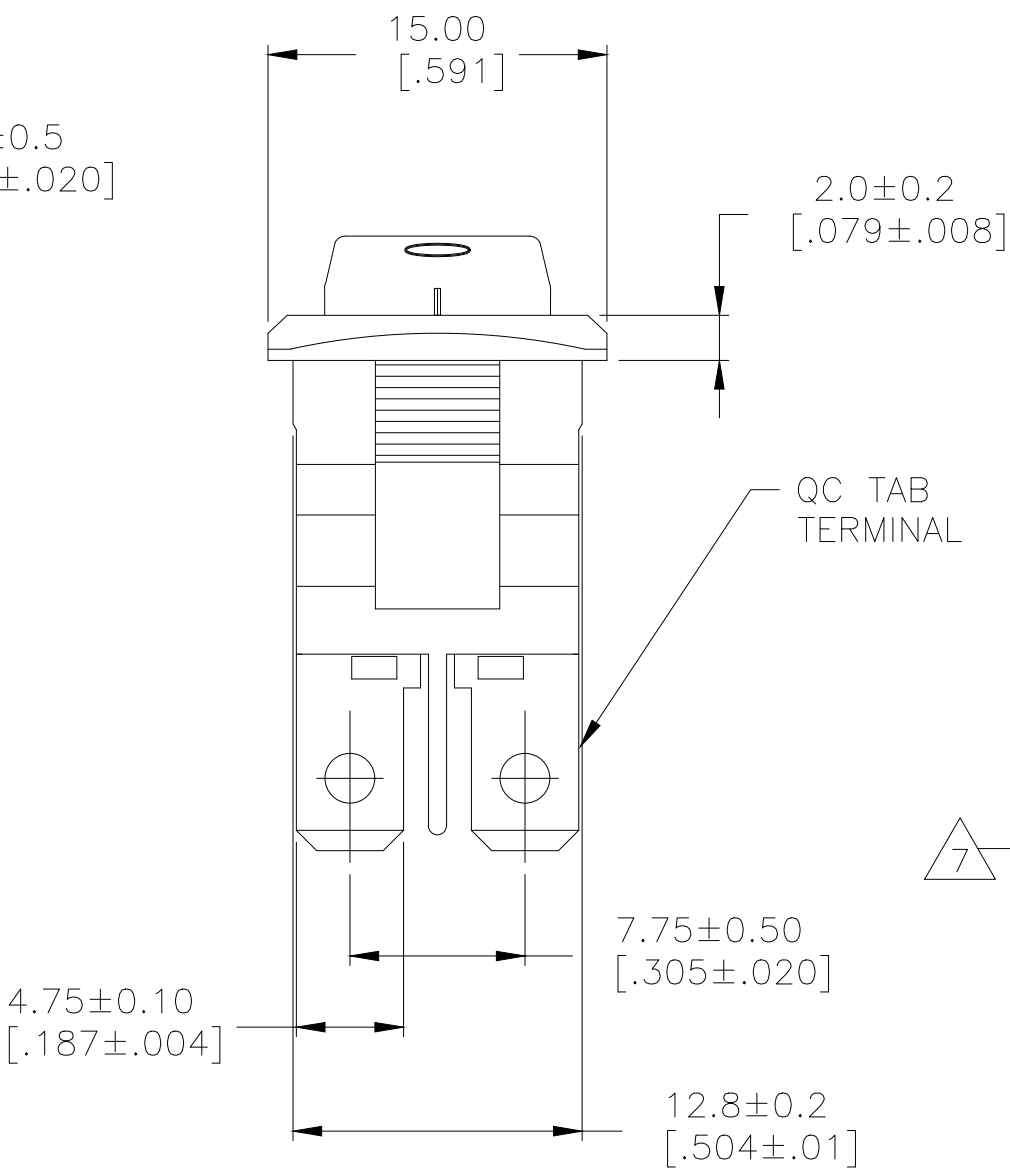
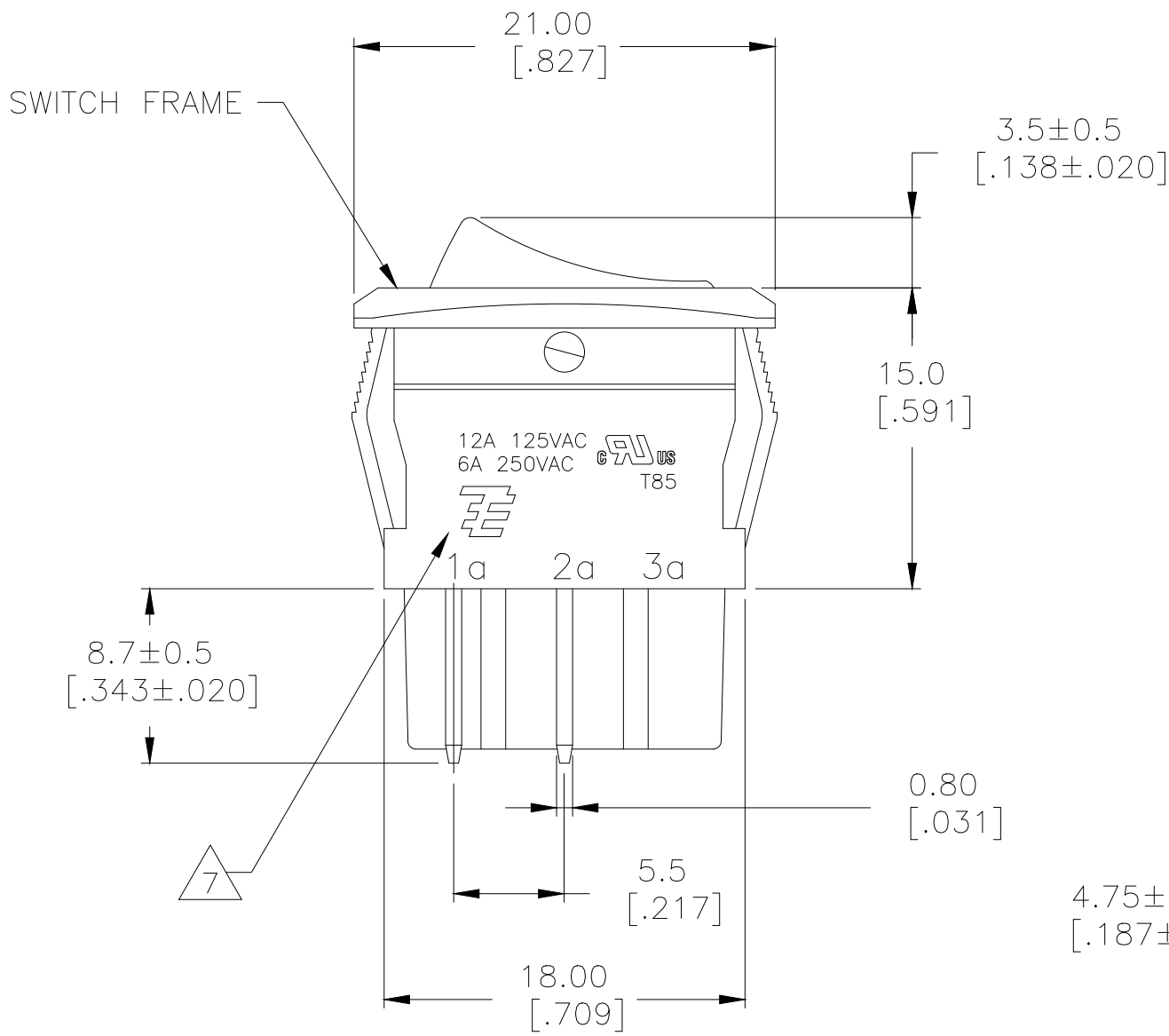
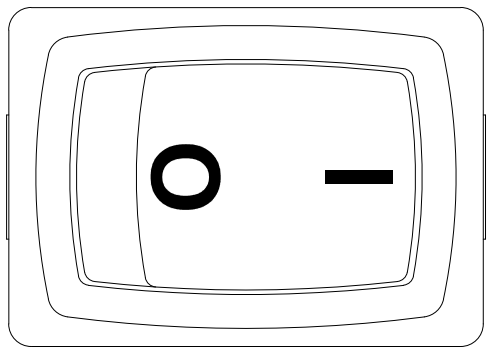
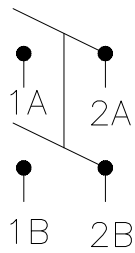


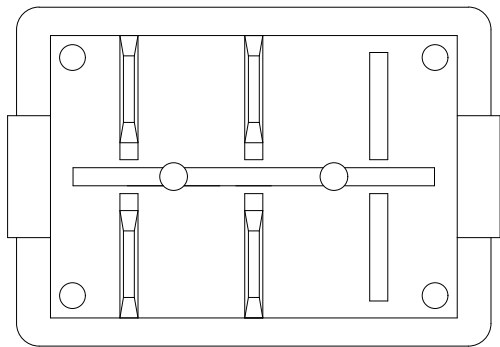
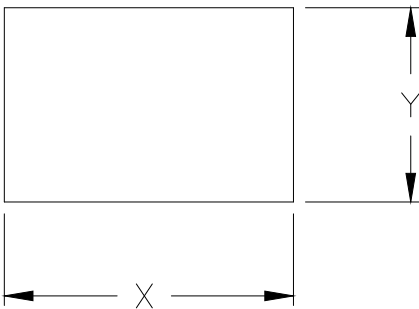
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECO-07-019301	21AUG07	MB	DR
	A1	REVISED PER ECO-16-017354	10MAR2017	RK	AS



SWITCH FUNCTION A1
CIRCUIT DIAGRAM



PANEL CUT OUT

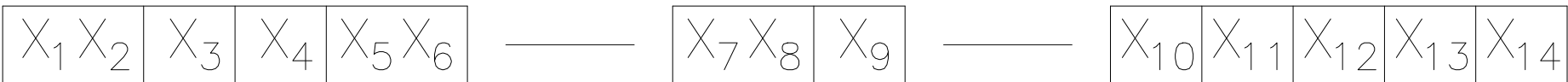


1977068-2 SHOWN

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		
		CHK D.ROHDE	-			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE, DPST, 4 TERMINALS, NON-ILLUMINATED		
		0 PLC	± -	PRODUCT SPEC		
		1 PLC	± 0.30[.012]	NOT APPLICABLE		
		2 PLC	± 0.05[.002]	APPLICATION SPEC		
		3 PLC	± -	NOT APPLICABLE		
MATERIAL		4 PLC	± -	SIZE		
		ANGLES	± -	CAGE CODE		
		FINISH	± -	DRAWING NO		
				RESTRICTED TO		
				WEIGHT		
				A2 00779 C-1977068		
				CUSTOMER DRAWING		
				SCALE 3:1		
				SHEET 1 OF 2		
				REV A1		

LEGACY PART NUMBER



SWITCH TYPE: X1 X2 = PR - POWER ROCKER

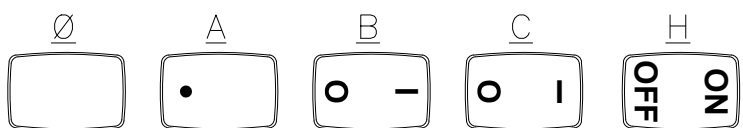
SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

NOMINAL PANEL CUT OUT SIZE: $X_3 = A - 13.0 \times 19.2 \text{ [.512} \times \text{.756]}$

NUMBER OF POLES: $X_4 = \underline{D}$ - DOUBLE

SWITCH FUNCTION: $X_5 X_6 = \underline{A1}$ - ON-OFF, WITH OPAQUE,
SINGLE-COLOR ROCKER
BUTTON.

LEGEND TEXT PATTERN: $X_{13} =$



CURRENT RATING: $X_7 X_8 = \underline{12} - \triangle 6$

TERMINAL TYPE: $X_9 = \underline{F} - \text{QC TAB}$

FRAME COLOR: X₁₀ = B - BLACK
 W - WHITE

LEGEND TEXT COLOR: X_{14} = $\emptyset$ — 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: 1.02 μ m[.000040]MIN NICKEL

3. ELECTRICAL SPECIFICATIONS:

CURRENT AND VOLTAGE: 6

CONTACT RESISTANCE: (INITIAL): <100m Ω
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
INSULATION RESISTANCE (INITIAL): >100M Ω (500 VDC BETWEEN OPEN CONTACTS)
ELECTRICAL LIFE ENDURANCE: >6000 OPERATIONS, VOLTAGE DROP: <100mV
TEMPERATURE RISE AT TERMINALS: <30°C, 6000 OPERATIONS
(AMBIENT CONDITIONS: 25 $\pm$ 2°C AND 65 $\pm$ 5%R.H)

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

3. ELECTRICAL SPECIFICATIONS: 
CURRENT AND VOLTAGE:
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)

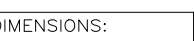
6 12A@125VAC/6A@250VAC

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	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.		DWN M. BINNER		03APR2007		 TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK D.ROHDE		-			
		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD -		POWER ROCKER SWITCH 13.0mmX19.2mm	
		0 PLC ± - 1 PLC ± 0.30[.012] 2 PLC ± 0.05[.002] 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC NOT APPLICABLE		PANEL SIZE, DPST, 4 TERMINALS, NON-ILLUMINATED	
		FINISH		APPLICATION SPEC NOT APPLICABLE		SIZE	
MATERIAL		1		2		CAGE CODE	
CUSTOMER DRAWING		WEIGHT -		A2		DRAWING NO	
SCALE		3:1		SHEET		2 of 2	
REV		A1		RESTRICTED TO		-	

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[PRADA1-12F-BB000](#)